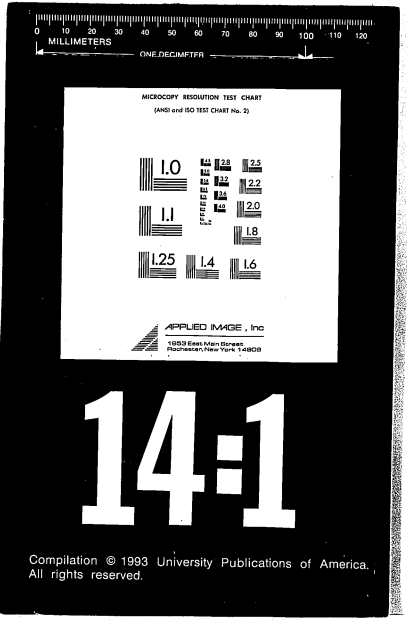

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Thomas A Edison Papers

A SELECTIVE MICROFILM EDITION

PART III
(1887–1898)

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Microfilm Editor

Gregory Field
Theresa M. Collins
David W. Hutchings
Lisa Gitelman
Leonard DeGraaf
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Mary Ann Hellrigel
Paul B. Israel
Robert A. Rosenberg
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Reese V. Jenkins
Director and Editor

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University Publications of America
Bethesda, Maryland
1993

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Thomas A. Edison Papers
at
Rutgers, The State University
endorsed by
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18 June 1981

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The original documents in this edition are from the archives at the Edison National Historic Site at West Orange, New Jersey.

ISBN 0-89093-702-8.

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Reese V. Jenkins
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Associate Director and Microfilm Editor

Robert A. Rosenberg
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START

138

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GENERAL LETTERBOOK SERIES

The forty volumes in this set contain tissue copies of Edison's correspondence for the period February 1887-August 1899. Although there are occasional letters in Edison's hand, most of Edison's manuscript correspondence is in the hand of Alfred O. Tate, John F. Randolph, or Thomas Maguire, acting as his secretary. Similarly, the retained copies of Edison's typewritten letters are frequently signed or initialed by one of his secretaries.

Many of the letters relate to the manufacture and marketing of Edison's improved phonograph and to legal and financial dealings among the various phonograph companies. In addition, there are numerous documents pertaining to mining and ore milling and to the operations of Edison's plant in Ogden, N.J. Included also are letters, many addressed to the Edison Machine Works and the Edison General Electric Co., regarding Edison's work on improved filaments, meters, and other components of his electric lighting system. Some of the documents relate to the business of the Edison Manufacturing Co. and to the production and promotion of the Edison-Lalande battery. Other letters deal with Edison's phonoplex system of telegraphy, electric traction systems, the mimeograph, and motion pictures. There are many letters addressed to the law firm of Dyer & Seely and to Edison's personal lawyer, Sherburne B. Eaton, concerning patent applications, interferences and infringements, and various other legal concerns. In addition to the business correspondence, there are numerous letters relating to Edison's personal finances and to family affairs.

Although the books tend to progress in chronological order, a few books contain letters for two discrete time periods. For example, LB-025 covers the periods June 1887-January 1888 and August-November 1888. Some of the books overlap in their coverage. LB-053, for example, contains letters for a two-year period also covered by five other letterbooks. There are no letterbooks covering the period June 17, 1892-February 3, 1893.

Approximately 30 percent of the letters have been filmed. All substantive letters pertaining to Edison's business operations and to his personal affairs have been filmed. The following categories of documents have not been filmed: routine letters of transmittal or acknowledgement; non-substantive correspondence concerning the ordering and shipment of materials; letters about routine financial transactions; routine or repetitive responses to letters from individuals seeking employment, requesting advice, and offering advice;

responses to other unsolicited correspondence. In addition, the index at the beginning of each book has not been filmed.

Also not filmed are most letters relating to the phonoplex system, an operation in which Edison was only tangentially involved. Most of the phonoplex items on the microfilm pertain to operations on the Pennsylvania Railroad. For a discussion of the case-study approach used in the selection of these documents, see the targets preceding the various "Telegraph - Phonoplex" folders in the Document File.

Although every technical effort has been made to ensure the legibility of the documents on the microfilm, most of the books contain some pages that are very difficult to read. In LB-029 and LB-030, for example, there are numerous letters that are partially or entirely unreadable because of spreading or smearing ink. Many of the pages in LB-059 and in subsequent books were written in very faint green ink. In addition, there are occasional pages that are wrinkled or torn. Letters presenting severe legibility problems have not been filmed.

Copies of outgoing correspondence can also be found in the Document File in folders such as "Edison, T.A. - Outgoing Correspondence" and "Edison, T.A. - Employment - Outgoing Correspondence." Letters similar to those in the General Letterbooks appear in some of the letterbooks in the Company Records Series. See, especially, LM-025, Edison Phonoplex System Records; LM-245 and LM-247, New Jersey and Pennsylvania Concentrating Works Records; LM-306, Edison Manufacturing Co. Records.

Letterbook, LB-024

This letterbook covers the period February-June 1887. Many of the letters are by Edison. There is also correspondence by Alfred O. Tate, Samuel Insull, and John F. Randolph. Most of Edison's correspondence is in the hand of Tate or Randolph, acting as his secretary. The correspondence relates primarily to Edison's personal dealings. Included are letters concerning the construction and furnishing of Glenmont, Edison's home in Llewellyn Park, and the disposition of Edison's dividend and royalty proceeds to various financial institutions. Other letters pertain to Edison's payments to family members, including a weekly allowance paid to Margaret Stilwell, mother of Mary Stilwell Edison. There is also correspondence regarding Edison's objections to unauthorized use of his name for product endorsements. Other material relates to illuminating company stock transactions, equipment purchases for the West Orange laboratory, and an agreement between Edison and the A.B. Dick Company concerning the autographic press. There are also responses to inquiries about the phonograph and about the Edison Ore Milling Company, Ltd.

Letterbook, LB-025

This letterbook covers the periods June 1887-January 1888 and August-November 1888. Many of the letters are by Edison. There is also correspondence by Alfred O. Tate and John F. Randolph. Included are letters relating to phonograph patent applications in the United Kingdom, electric light patents in France and Germany, and the marketing of the electric light in Asia. Other letters pertain to the ore separator and to the Edison phonoplex system. Included also are letters to Samuel Insull about the proper manner of representing Edison as a surrogate and correspondence with A. B. Dick regarding an electric pen agreement.

Letterbook, LB-026

This letterbook covers the period August 1887-November 1888. Many of the letters are by Edison. There is also correspondence by Charles Batchelor, Alfred O. Tate, and John F. Randolph. Included are letters relating to ore separator patents in the United Kingdom, phonoplex sales in the United States and the United Kingdom, proposed central stations in Japan and Korea, and the international search for sources of bamboo for electric light filaments. Other letters pertain to Glenmont and to the construction of the West Orange laboratory. Some material concerns the finances and operations of the West Orange laboratory and the various Edison companies.

Letterbook, LB-027

This letterbook covers the period November 1888-January 1889. Most of the correspondence is by Edison and Alfred O. Tate. The letters relate primarily to the phonograph and the talking doll. Other material pertains to the construction and furnishing of the West Orange laboratory; the Edison phonoplex system; and the recall of Edison's agent, Osgood S. Wiley, from the United Kingdom. Some letters deal with phonograph company stock transactions and with Edison's financial assistance to his brother, William Pitt. There is also a list of Edison Lamp Company stockholders.

Letterbook, LB-028

This letterbook covers the period January-April 1889. Most of the correspondence is by Edison and Alfred O. Tate. Many of the letters relate to the marketing of the phonograph in Europe, Latin America, and Asia. Other material pertains to the production of the perfected phonograph at West Orange, the marketing of the talking doll, the establishment of central stations in the United Kingdom and Germany, the Edison phonoplex system, and the Edison exhibit at the 1889 Paris Exposition. There are also letters concerning Edison's efforts to obtain British patents for his ore separator and to acquire manufacturing rights to the Lalande battery.

Letterbook, LB-029

This letterbook covers the period April-May 1889. There is also one letter from June 1888. Most of the correspondence is by Edison and Alfred O. Tate. Many of the letters pertain to the manufacture and marketing of the phonograph and talking doll, Edison's relations with the Edison Phonograph Toy Manufacturing Co., and his suit against Ezra T. Gilliland and John Tomlinson. Other correspondence relates to mining and ore milling, the phonoplex system, and the Edison exhibit at the Paris Exposition. There are also letters concerning the purchase of equipment and supplies for the West Orange laboratory and the exchange of financial notes between Edison and his various companies.

Letterbook, LB-030

This letterbook covers the period May-June 1889. Most of the correspondence is by Edison and Alfred O. Tate. Many of the letters relate to the manufacture of the phonograph and talking doll and to the formation of phonograph sales agencies in the United States and abroad. Included are instructions for operating the phonograph and its battery and a draft agreement between Edison and the Edison Phonograph Toy Manufacturing Co. There are also letters pertaining to Edison's personal and financial affairs, including the purchase of property for his companies and the maintenance of his home and grounds at Fort Myers, Florida. Other documents deal with Edison's phonoplex system and his exhibit at the Paris Exposition.

Letterbook, LB-031

This letterbook covers the period June-August 1889. Most of the correspondence is by Edison, Alfred O. Tate, and Samuel Insull. Many of the letters relate to the manufacture of the phonograph and talking doll and to the promotion of the phonograph in Europe and Asia. There is also correspondence dealing with the operations of the Edison Phonograph Works and with production problems at the Edison Lamp Co. Other letters pertain to mining and ore milling, Edison's phonoplex system, and his exhibit at the Paris Exposition. Some of the documents concern Edison's experimental work on electric lighting and the purchase of property in Silver Lake, N.J. Of particular interest are two long letters from Insull to Tate, which were written while Tate was in Europe.

Letterbook, LB-032

This letterbook covers the period August-October 1889. Most of the correspondence is by Charles Batchelor, Thomas Maguire, John F. Randolph, and Alfred O. Tate. A few of the letters are by Edison. Many of the letters relate to the manufacture and marketing of the phonograph and talking doll and to music recordings made at the West Orange laboratory. Other letters pertain to mining and ore milling and to Edison's phonoplex system. Some of the correspondence deals with the acquisition of property at Silver Lake, N. J. for the Edison Manufacturing Co. There are also letters to the firm of Dyer & Seely regarding patents on dynamos and other inventions.

Letterbook LB-033

This letterbook covers the period October-November 1889. Most of the correspondence is by Edison and Alfred O. Tate. Included are letters relating to Edison's exhibit at the Paris Exposition and to the development of a new battery for use with his phonoplex system. Some of the correspondence deals with the operations of the Edison Phonograph Toy Manufacturing Co. and the presentation of phonographs to Mexican President Porfirio Diaz and other foreign dignitaries. Other letters pertain to the erection of buildings for the Edison Manufacturing Co. at Silver Lake, N.J. There are also letters to the firm of Dyer & Seely regarding phonograph and electric light patents for Europe, Latin America, and Australia. Also included is correspondence concerning Edison's stock transfers, his philanthropic contributions, and other financial matters.

Letterbook, LB-034

This letterbook covers the period November-December 1889. Most of the correspondence is by Edison and Alfred O. Tate. The letters relate primarily to the manufacture and marketing of the phonograph and talking doll. There are also several items dealing with the technical and commercial development of the Edison-Lalande battery. Other documents pertain to mining and ore milling, mimeograph royalties, and the phonoplex system. Included also are letters to the firm of Dyer & Seely regarding electric light patents and other patent matters and correspondence about Edison exhibits at expositions in the United States and in Europe.

Letterbook, LB-035

This letterbook covers the period December 1889-January 1890. Most of the correspondence is by Edison and Alfred O. Tate. Many of the letters relate to the manufacture and marketing of the phonograph and talking doll. There is also correspondence regarding ore milling, the purchase of mining properties, the mimeograph, and the phonoplex system. Several of the letters pertain to the use of batteries with the phonograph and phonoplex. Some of the documents deal with the payment of Edison's taxes and other personal and financial matters. Included also are letters to the firm of Dyer & Seely about foreign and domestic patents.

Letterbook, LB-036

This letterbook covers the period January 1890. Most of the correspondence is by Edison and Alfred O. Tate. Included are letters relating to the manufacture of the phonograph and talking doll and the marketing of phonographs in Japan and China. There is also correspondence regarding electric lighting, ore milling, and the purchase of mining properties. Other letters pertain to Edison's receipt of the Volta Medal and to the fire that destroyed the first Pearl Street central station. A list of stockholders of the Edison Phonograph Works appears on page 47.

Letterbook, LB-037

This letterbook covers the period January-February 1890. Most of the correspondence is by Edison and Alfred O. Tate. Many of the documents relate to the manufacture and marketing of the phonograph and talking doll. Included are letters about the coin-operated phonograph, a set of directions for using the Edison water-motor phonograph, and a phonograph test report. There is also correspondence pertaining to ore milling and the purchase of mining properties. Other letters concern Edison's personal and business finances and his trip to North Carolina. In addition, there is a 3-page letter containing a subject-classification list for the filing of Edison's incoming correspondence.

Letterbook, LB-038

This letterbook covers the period February-March 1890. Most of the letters are by Alfred O. Tate. There is also correspondence by Edison, Charles Batchelor, and John F. Randolph. Many of the letters relate to the manufacture and marketing of the phonograph and talking doll. Included are letters about the coin-operated phonograph, the operations of the Edison Phonograph Works and the Edison Phonograph Toy Manufacturing Co., the demonstration of the phonograph in Russia, and the presentation of phonographs to William II, Emperor of Germany, and other foreign dignitaries. Other letters pertain to electric lighting, the phonoplex system, mining, and ore milling. There are also several long letters written to Edison while he was inspecting mines near Charlotte, North Carolina. Beginning on page 330 is a four-page list of experimental accounts from January to March 1890.

Letterbook, LB-039

This letterbook covers the period March-April 1890. Most of the letters are by Alfred O. Tate. There is also correspondence by Edison and Charles Batchelor. Many of the documents relate to the manufacture and marketing of the phonograph and talking doll. Included are letters about the coin-operated phonograph, the operations of the recently organized Edison United Phonograph Co., and a plan to record the voice of British Prime Minister William E. Gladstone. Other letters concern the phonoplex system, mining and ore milling, electric lighting, and the Edison-Lalande battery. Some of the letters pertain to the stock transactions of the various phonograph and electric light companies. Included also are letters to the firm of Dyer & Seely regarding patent applications and other patent matters.

Letterbook, LB-040

This letterbook covers the period April-May 1890. Most of the letters are by Alfred O. Tate. There is also correspondence by Edison and John F. Randolph. Many of the letters relate to the manufacture and marketing of the phonograph and talking doll. Some of the correspondence concerns the promotion of the phonograph in Europe, Asia, and South America and the establishment of a company to sell talking dolls in Europe. Other letters pertain to mining and ore milling, electric lighting, and the Edison-Lalande battery. There is also correspondence about the 1890 Women's Exhibition in New York and the payment of the experimental accounts of the West Orange laboratory. Beginning on page 188 is a seven-page memorandum about experiments conducted at the laboratory for various Edison companies.

Letterbook, LB-041

This letterbook covers the period May-June 1890. Most of the correspondence is by Edison and Alfred O. Tate. Many of the letters relate to the manufacture and marketing of the phonograph and talking doll. Other letters pertain to mining and ore milling, electric lighting, the phonoplex system, the Edison-Lalande battery, and electric traction systems. Included also are letters to various Edison companies regarding bills for experiments conducted at the West Orange laboratory. There is some material relating to Edison's personal finances, including a list of bonds bought through Drexel, Morgan, & Co.

Letterbook, LB-042

This letterbook covers the period June-July 1890. Most of the correspondence is by Edison and Alfred O. Tate. Many of the letters relate to the manufacture and marketing of the phonograph and talking doll. Included are letters about the water-motor phonograph, the promotion of the phonograph in Europe, China, Japan, and Mexico, and the exhibition of the talking doll at the Minneapolis Industrial Exposition. Other letters pertain to electric lighting, mining and ore milling, and electric traction systems.

Letterbook, LB-043

This letterbook covers the period July-September 1890. Most of the letters are by Edison and Alfred O. Tate. The correspondence relates primarily to the manufacture and marketing of the phonograph and talking doll. Included are letters pertaining to the operations of the Edison Phonograph Toy Manufacturing Co., the production of phonograph batteries and cabinets, leasing arrangements and royalty payments, and production problems with the coin-operated phonograph. Other letters deal with mining and ore milling in Canada and at Ogden, N.J.; electric lighting; the mimeograph; the Sims-Edison torpedo; and the Edison-Lalande battery.

Letterbook, LB-044

This letterbook covers the period September-October 1890. Most of the correspondence is by Edison and Alfred O. Tate. Many of the letters relate to the manufacture and marketing of the phonograph and talking doll. Included are numerous letters pertaining to the business of the Edison Phonograph Works, the Edison Phonograph Toy Manufacturing Co., the Edison United Phonograph Co., and the Automatic Phonograph

Exhibition Co. There are also documents relating to mining and ore milling, the design of an alternating current multipolar dynamo, a new motor for use on electric railways, and the presentation of phonographs to European heads of state. Beginning on page 247 is a four-page memorandum regarding the status of approximately one hundred Edison patents.

Letterbook, LB-045

This letterbook covers the period October-December 1890. Most of the correspondence is by Edison and Alfred O. Tate. Many of the letters relate to the manufacture and marketing of the phonograph and talking doll. Included are numerous letters pertaining to the business of the Edison Phonograph Toy Manufacturing Co. and to Edison's unsuccessful attempt to gain control of that company. There are also many letters concerning the affairs of the Edison Phonograph Works and the Automatic Phonograph Exhibition Co. In addition, there are documents relating to mining and ore milling, mimeograph sales, electric lighting, and electric traction systems. Other letters deal with the formation of the Edison Industrial Works and the Swedish Edison Company. There are a few letters about Edison's family and his personal affairs, including the terminal illness of his brother, William Pitt, and his efforts to rent or sell the laboratory and grounds at Menlo Park. Beginning on page 81 is a three-page list of experiments billed against the Edison General Electric Co. for the period January-September 1890.

Letterbook, LB-046

This letterbook covers the period December 1890-January 1891. Most of the letters are by Alfred O. Tate. There is also correspondence by Edison, Thomas Maguire, and John F. Randolph. Many of the letters relate to the manufacture and marketing of the phonograph and talking doll. Included are numerous letters pertaining to the Edison Phonograph Toy Manufacturing Co. and to Edison's efforts to liquidate that company. There is also material concerning the Edison Phonograph Works, the North American Phonograph Co., and the Automatic Phonograph Exhibition Co. A few letters deal with problems in the production of musical records and with Edison's decision to close the laboratory's music room and discharge its staff. There are also documents relating to mining and ore milling and to electric lighting. There are some letters about Edison's family, particularly his father, Samuel, and his brother, William Pitt, who died of cancer in January, 1891. Other correspondence deals with Edison's personal finances, including his stockholdings in the Edison General Electric Co. and in several railroad companies; his financial relations with George E. Gouraud and Jesse Lippincott; and his investment in the magazine, *Phonogram*.

Letterbook, LB-047

This letterbook covers the period January-February 1891. Most of the letters are by Alfred O. Tate. There is also correspondence by Edison, John F. Randolph, Charles J. Reed, and E. W. Thomas. Many of the letters relate to the manufacture and marketing of the phonograph and to legal and financial dealings among the various phonograph companies. Some of the legal correspondence concerns the suit brought against Edison and the Edison Phonograph Works by the Edison Phonograph Toy Manufacturing Co. Other letters relate to mining and ore milling, electric lighting, electric traction systems, and the Sims-Edison torpedo. There are also documents pertaining to experiments conducted at the West Orange laboratory for Edison-affiliated companies, including the Edison General Electric Co. and the North American Phonograph Co. Some of the letters pertain to patent matters and to Edison's personal finances; several refer to his trip to Schenectady, N.Y. to conduct experiments at the Edison Machine Works. There are also letters about Edison's family, including the death and funeral of his brother, William Pitt, and his efforts to secure a job for his cousin, Annie K. Doak.

Letterbook, LB-048

This letterbook covers the period February-April 1891. Most of the letters are by Alfred O. Tate. There is also correspondence by Edison, Thomas Maguire, and John F. Randolph. Many of the letters relate to the manufacture and marketing of the phonograph and to legal and financial dealings among the various phonograph companies. Some of the legal correspondence concerns the suit brought against Edison and the Edison Phonograph Works by the Edison Phonograph Toy Manufacturing Co. Other letters relate to foreign patents, improvements in the incandescent lamp, mining and ore milling, and electric traction systems. There are also letters dealing with Edison's personal finances, including his investment in the local illuminating company at Sunbury, Pennsylvania; his financial relations with Jesse Lippincott and Harry M. Livor; and his transfer of ownership of the Edison home at Glenmont to his wife, Mina. There are several letters pertaining to billing arrangements for experiments conducted at the West Orange laboratory for the Edison General Electric Co. There is also correspondence regarding alterations and improvements in the laboratory.

Letterbook, LB-049

This letterbook covers the period April-June 1891. Most of the letters are by Alfred O. Tate. There is also correspondence by Edison, Thomas Maguire, John F. Randolph, and E.W. Thomas. Many of the letters relate to Edison's work on an improved phonograph and to legal and financial dealings among the various phonograph companies. Some of the legal correspondence concerns the litigation involving Edison, the Edison Phonograph Works, and the Edison Phonograph Toy Manufacturing Co. In addition, there are numerous letters pertaining to the business of the New Jersey & Pennsylvania Concentrating Works, including the leasing of mining properties and Edison's investments in that company. Included also are documents concerning the company's relations with the Edison Phonograph Works, which supplied it with ore-milling machinery and equipment. There is also correspondence relating to the Edison Manufacturing Co. at Silver Lake, N.J. and to the manufacture and marketing of the improved Edison-Lalande primary battery. Other letters deal with electric lighting and with the establishment of billing procedures for experimental work done at the West Orange laboratory for the Edison General Electric Co.

Letterbook, LB-050

This letterbook covers the period June-August 1891. Most of the letters are by Alfred O. Tate. There is also correspondence by Edison and Thomas Maguire. Many of the letters pertain to the manufacture of phonographs and cylinder recordings and to Edison's relations with the North American Phonograph Co. and the Edison United Phonograph Co. There are also numerous letters relating to the business of the New Jersey & Pennsylvania Concentrating Works, including the leasing of mining properties and production problems at the Ogden ore milling plant. Other correspondence deals with the Edison-Lalande battery and strategies for marketing the battery in Europe. There are some documents relating to kinetograph experiments, the Edison phonoplex system, electric lighting and power, and the mimeograph. Beginning on page 381 is a letter by Edison listing recent improvements in the incandescent lamp. Included also are several letters concerning Edison's personal finances and the investments of his father, Samuel.

Letterbook, LB-051

This letterbook covers the period August 1891-February 1892. Most of the letters were written by Alfred O. Tate from his office at the Edison Building in New York City. Many are addressed to Thomas Maguire, John F. Randolph, and other individuals at the West Orange laboratory. Some of the letters for October-December were written to Edison while he was inspecting iron mines in western New Jersey. There are also numerous confirmations of telephone messages, written on message forms of the Edison General Electric Co. Many of the documents relate to the business of the Edison Manufacturing Co. and to the production and promotion of the Edison-Lalande battery. There are also numerous letters pertaining to the manufacture and marketing of phonographs and cylinder recordings and to legal and financial dealings among the various phonograph companies. Some of the legal correspondence concerns the suit brought against Edison and Edison Phonograph Toy Manufacturing Co. by D. M. Yeomans. Included also are several letters about the

phonograph exhibit at the Montreal Electrical Exhibition. Beginning on page 779 is a long letter from Tate to Edison regarding their plans to take control of the North American Phonograph Co. and to liquidate the business of the local phonograph companies. Other documents relate to electric lighting, the Edison phonoplex system, and electric traction systems. There are also many letters regarding the settlement of the estate of Frank McGowan and the payment of bills for experiments conducted at the West Orange laboratory. Some of the documents concern Edison's personal finances, including the liquidation of his stock in the Edison General Electric Co. Related documents for this time period can be found in LB-052 through LB-055.

Letterbook, LB-052

This letterbook covers the period August-October 1891. Most of the letters are by Alfred O. Tate. There is also correspondence by Edison, Thomas Maguire, and John F. Randolph. Many of the letters relate to the manufacture and marketing of phonographs and cylinder recordings and to legal and financial dealings among the various phonograph companies. Included also are several letters about the phonograph exhibit at the Montreal Electrical Exhibition. Some of the correspondence pertains to mining and ore milling and to production problems at the New Jersey & Pennsylvania Concentrating Works. Other documents relate to electric lighting, the construction of central stations, production problems at the lamp factory, and the effects of electrocution on the human body. There are also documents concerning electric traction systems, including two cost estimates prepared for Henry Villard, and a few letters about the kinetograph and the Edison-Lalande battery. Some of the letters deal with Edison's liquidation of his stock in the Edison General Electric Co. and other personal financial matters. A few pertain to Mina Miller Edison. Related documents for this time period can be found in LB-051.

Letterbook, LB-053

This letterbook covers the period October 1891-October 1893. Much of the book consists of interoffice correspondence involving Edison; his bookkeeper, John F. Randolph; and his private secretary, Alfred O. Tate. The letters deal almost entirely with financial matters. There are many letters concerning the personal finances of Edison and Mina Miller Edison, including the liquidation of their holdings in the General Electric Co. and the sale and purchase of other stocks and bonds. Some of the letters relate to financial aid provided to family members, such as Samuel Edison and Margaret Stilwell. Included also are correspondence and other documents concerning the costs of experiments, laboratory and company payrolls, Edison's account with the patent firm of Dyer & Seely, and his property at Menlo Park. There are also many routine letters regarding Edison's financial transactions with the German National Bank. Related documents for this time period can be found in LB-051 and in LB-054 through LB-058.

Letterbook, LB-054

This letterbook covers the period October-December 1891. Most of the letters are by Alfred O. Tate and Thomas Maguire. There is also correspondence by Edison. Many of the letters relate to the manufacture and marketing of phonographs and cylinder recordings. There is considerable discussion of the packaging of cylinders. Other letters deal with the development of wire-insulating compounds for the Edison General Electric Co. and the ordering of a motor from that company. Included also are financial statements for the Edison Manufacturing Co. and numerous letters, many addressed to the firm of Dyer & Seely, regarding domestic and foreign patents. In addition, there are letters concerning mining and ore milling, electric traction systems, and the testing of storage batteries at the West Orange laboratory. Appearing on pages 578 and 663 is a list of Edison's inventions for 1891. Related documents for this time period can be found in LB-051 and LB-053.

Letterbook, LB-055

This letterbook covers the period December 1891-March 1892. Most of the letters are by Alfred O. Tate. There is also correspondence by Edison and Thomas Maguire. Many of the letters relate to the manufacture and marketing of phonographs and cylinder recordings and to legal and financial dealings among the various phonograph companies. There are several letters pertaining to Edison's loan of $3,500 to the Automatic Phonograph Exhibition Co. Other documents deal with mining and ore milling, electric light and power, and the kinetograph. Included also are letters about position openings at the West Orange laboratory and about the collection and storage of material at the Menlo Park laboratory. There are numerous letters, many addressed to Edison's attorney, Sherburne B. Eaton, regarding patent infringements and other patent matters. Beginning on page 89 is a three-page description of Edison's inventions for 1891. Beginning on page 189 is a five-page list of requirements for an electric railroad motor. Related documents for this time period can be found in LB-051 and LB-053.

Letterbook, LB-056

This letterbook covers the period March-June 1892. Most of the letters are by Alfred O. Tate. There is also correspondence by Edison and Thomas Maguire. Many of the letters relate to the phonograph and to legal and financial dealings among the various phonograph companies. Beginning on page 131 is a two-page letter from Edison to George E. Gouraud comparing the phonograph business in the United States and Europe and alluding to Edison's takeover of the North American Phonograph Co. There are also letters referring to the formation of the General Electric Co. and to Edison's sale of his stock in the Edison General Electric Co. Other documents deal with mining and ore milling, electric motors, and the kinetoscope. There are numerous letters to Edison's attorney, Sherburne B. Eaton, and to the firm of Dyer & Seely regarding patent interferences and other litigation in which Edison was involved, as well as additional patent-related matters. Included also are letters pertaining to the development of an underground telegraph cable for the Pennsylvania Railroad and to the installation of a sprinkler system at the West Orange laboratory. Related documents for this time period can be found in LB-053.

Letterbook, LB-057

This letterbook covers the period February-August 1893. Most of the letters are by Alfred O. Tate. There is also correspondence by Edison and Thomas Maguire. Many of the letters pertain to the business of the Edison Manufacturing Co. and to its relations with the General Electric Co. There is also correspondence dealing with the affairs of the various phonograph companies. Other letters relate to the development of the kinetograph and to Edison's exhibit at the World Columbian Exposition in Chicago. Included also are letters concerning mining and ore milling, batteries and meters, and the phonoplex system. Related documents for this time period can be found in LB-053.

Letterbook, LB-058

This letterbook covers the period August 1893-March 1894. Most of the correspondence is by Edison and Alfred O. Tate. Many of the letters deal with the business of the Edison Manufacturing Co. There are also numerous letters relating to the affairs of the Edison Phonograph Works and various other phonograph companies. Other letters pertain to mining and ore milling, the kinetograph, the mimeograph, electric traction systems, and the phonoplex system. Some of the correspondence concerns Edison's personal finances and his relations with the General Electric Co. There are also letters to and about members of Edison's family. Beginning on page 576 is a list of officers and directors of the Edison Electric Light Co. of Europe, the Automatic Phonograph Exhibition Co., the Edison Phonograph Works, and the North American Phonograph Co. Related documents for this time period can be found in LB-053 and LB-059.

Letterbook, LB-059

This letterbook covers the periods October 1893-July 1894 and December 1896-January 1898. There are also a few letters for September 1894-April 1895 and for November-December 1895, as well as draft accounts for the period April 1894-April 1896. Most of the correspondence is by Edison and John F. Randolph. The letters for 1893-1894 deal primarily with Edison's finances, including the sale of stocks and bonds; the payment of money owed to Edison; and the transfer of his Menlo Park property to his daughter, Marion. There are occasional references to the impact of the ongoing depression on Edison's business operations. Included also are a few letters relating to Edison's work on the kinetograph and to the legal affairs of the various phonograph companies. Appearing on pages 46-48 are letters by Edison resigning his positions as president of the North American Phonograph Co. and vice president of the Edison United Phonograph Co. The correspondence for 1896-1898 deals primarily with Edison's technical work. There are numerous letters relating to Edison's mining and ore milling operations in Ogden, N.J. Other letters pertain to x-rays, lamp filaments, electric meters, the phonograph, the kinetograph, and the phonoplex. There is also correspondence about Edison's stock holdings, his retainer from the General Electric Co., his financial relations with his children, the proposed sale of his Fort Myers property, and other financial matters. Some of the letters relate to personal matters, such as the celebration of Edison's fiftieth birthday by the citizens of Port Huron, Michigan, and Edison's involvement in the serial publication of *Edison's Conquest of Mars*, by Garrett P. Serviss. Related documents for this time period can be found in LB-058 and LB-060 through LB-063.

Letterbook, LB-060

This letterbook covers the period March-April 1894. Most of the correspondence is by Alfred O. Tate. Some of the letters relate to Edison's work on motion picture technology. Other documents pertain to Edison's phonograph and ore milling businesses. There are also a few items concerning his personal finances and his property at Menlo Park. One letter refers to Edison's patent on an electrolytic decomposition process. Related documents for this time period can be found in LB-059.

Letterbook, LB-061

This letterbook covers the period April 1894-August 1895. Most of the letters are by Edison. There is also correspondence by William E. Gilmore and John F. Randolph. Much of the correspondence relates to Edison's phonograph business. Included are numerous references to Edison's strained relations with the Edison United Phonograph Co. and with the North American Phonograph Co., which went into receivership in August 1894. Some of the letters deal with the kinetograph, the commercial introduction of the kinetoscope, the production of motion pictures, and the publication of William K. L. Dickson's *History of the Kinetoscope and Kinetograph*. Other correspondence relates to the Edison's ore milling plant at Ogden, N.J. Included also are letters pertaining to the management of Edison's Menlo Park property, the sale of stocks and bonds, and other financial matters. There are occasional allusions to the impact of the ongoing depression on Edison's ore milling operations and other activities and to the mortgaging and closing of the West Orange laboratory. Other letters refer to family matters, including the health of Edison's father, Samuel, and the finances of his daughter, Marion. Related documents for this time period can be found in LB-059.

Letterbook, LB-062

This letterbook covers the period August 1895-December 1896. Most of the letters are by Edison and John F. Randolph. There is also correspondence by William E. Gilmore. Some of the correspondence relates to Edison's phonograph business and the operations of the National Phonograph Co., which was organized early in 1896. Other letters concern Edison's ore milling plant at Ogden, N.J. and the financial problems that led him to suspend operations for much of 1896. Included also are letters pertaining to the Llewellyn Park electrical system, Edison's work on a new lamp filament, his financial relations with the General Electric Co. and the Edison Illuminating Co. of New York, and his views on the future of electricity. In addition, there is material relating to the exhibition and sale of kinetoscopes, Edison's x-ray experiments and work on the fluoroscope, and the phonoplex system. Some of the letters refer to Edison's financial support of his daughter,

Marion Edison Oeser, and other family matters. Beginning on page 142 is a two-page statement of Edison's financial assets and liabilities. Beginning on page 342 is a five-page formula for manufacturing phonograph wax.

Letterbook, LB-063

This letterbook covers the period January 1898-August 1899. Most of the correspondence is by Edison and John F. Randolph. Many of the documents relate to mining and ore milling. Included are letters concerning Edison's operations at Ogden, N.J. and the factors that led to the temporary shut down of the plant during the winter of 1898-1899; his investment in a dry placer mill near Santa Fe, New Mexico; and the organization of the Edison Ore Milling Syndicate, Ltd. Some of the letters pertain to Edison's work on a compressed air reheater and the formation of the Edison Saunders Compressed Air Co. Other letters deal with his plans to manufacture Portland cement and the organization of the Edison Portland Cement Co. In addition, there is correspondence about electric meters, a process for using coal dust as fuel for steam boilers, the phonograph, motion pictures, the fluoroscope, and x-rays. Included also are numerous letters about Edison's personal finances and the financial affairs of his children, Marion, Thomas, and William; proposed business deals with Edison's former associates, Josiah Reiff and Edward H. Johnson; the management of his property at Fort Myers, Florida; and his debts to Sigmund Bergmann and to the estate of Robert L. Cutting, Jr. Appearing on page 145 is a letter to Samuel Insull about the origin of the phrase "central stations."

Letterbook, LB-024

This letterbook covers the period February-June 1887. Many of the letters are by Edison. There is also correspondence by Alfred O. Tate, Samuel Insull, and John F. Randolph. Most of Edison's correspondence is in the hand of Tate or Randolph, acting as his secretary. The correspondence relates primarily to Edison's personal dealings. Included are letters concerning the construction and furnishing of Glenmont, Edison's home in Llewellyn Park, and the disposition of Edison's dividend and royalty proceeds to various financial institutions. Other letters pertain to Edison's payments to family members, including a weekly allowance paid to Margaret Stilwell, mother of Mary Stilwell Edison. There is also correspondence regarding Edison's objections to unauthorized use of his name for product endorsements. Other material relates to illuminating company stock transactions, equipment purchases for the West Orange laboratory, and an agreement between Edison and the A.B. Dick Company concerning the autographic press. There are also responses to inquiries about the phonograph and about the Edison Ore Milling Company, Ltd. The front cover is labeled "General Letter Book," "Feby. 21," and "1887." The spine is stamped "Letters." The book contains 497 numbered pages and an index. Approximately 30 percent of the book has been filmed.

29

Rush 3-31

Dele 24/ 7

Samuel Insull
Schenectady N.Y.

Sprague's books ~~are~~ in such state simply impossible to check them ~~by~~ Difference of five hundred and twelve dollars his favor between your accounts If you will write off half this amount believe can obtain settlement in full to first February fifty three hundred odd dollars. Otherwise he will call for all kinds statements and prolong indefinitely which will cost you more than half difference. Have not yet proposed this

to him. Await your
sanction answer quick
A.D. Pate

34-415

Feb 7th 7

Samuel Insull Esq
Schenectady N.Y.

Dear Sir:

There are two accounts on Mr. Edison's books "Municipal Lighting $55.00" and "Arc light Expense $343.70". Do you wish these to remain on the books or shall they be written off to any other A/c.

Yours truly

196

Feb 24/ 7

J. Hutchinson Esq
65 Eighth Ave
N.Y.

My dear Sir:

Will you very kindly obtain for me a Broadstreet or Dun's or Bradstreet report on the Brodrick Copygraph Co. #257 Broadway New York.

Yours truly

Chas Robinson

(196)

15-126

Mch 21 7
Thomas A. Edison
Fort Myers
Florida
Hamilton cables
from Jamaica the
news Barranquilla
A. O. Tate

16

Mch 21 7

Ediswan London

Your work with Milan dynamos all those will right at

Edison

March 31 7

Messrs Eimer & Amend
211 Third Ave
New York

Dear Sirs:

We are advised by
N.A. Benner & Co that the Schooner
"Post Boy" is now loading at
Pier 11, East River ~~for~~ for
Florida and will sail about
12th inst.

Supposing you have
not yet forwarded you can
send aboard this vessel.

Yours truly

Wm. Gibson

59-92

Jack 3 of 7

The Edison Machine Works
Schenectady
N.Y.

Dear Sirs:

We are advised by
Nat Benner & Co. that they are
now loading another schooner
for Florida which will sail
about 12th inst.
Please consign that Municipal
Dynamo to "Thomas A Edison
New York". It should be shipped
at once so as to reach here in
time to be properly loaded
aboard Ship. Marine risk on it goes
forward.

Yours truly
Thos A Edison

73-78

each 3 of 7

Saml Cornell Esq
Schenectady
N.Y.

3

Dear Sir: I have your telegram re primary battery. I have not been Shillito because I have not had time. Mr Coster sent to me to procure some more European bonds for compromise. I have had to see the Faste re European business and I have been on Bergmann's trail about that Hotel

Apropos of the Cater

#74

Carter

I mentioned what you told me to Carter and he said that he thought the party who wanted to buy that steel from you was working the market for a higher price. He suggested 95 as a selling figure. In talking with Bergmann today he offered 90. I did not close with him as I await an answer to my telegram advising you of his bid.

I will see Shillito tomorrow.

Yours truly

67-153

Mch 31 7

The Edison and Swan United Elec Light Co,
#13 Albert Mansions, Victoria S.S.W.
London England

Dear Sirs: I beg to confirm cable sent you Yesterday as follows:-

"Your dynamos will work
" all right with those at
" Milan"

In explanation of the delay attendant upon transmitting this reply to your cable enquiry I would say that the latter had to be repeated to Florida before I could answer it as Mr Edison's recent

#71.

illness necessitated his
hasty departure for the
South. You will be interested
to learn that he is rapidly
regaining his health.

Yours very truly

Samuel Swartwout

Private Secy

83-87

March 31 7

Samuel Insull Esq
Schenectady
N.Y.

Dear Sir: I have received from Mr. T. P. Edison check of the Am. Bell Telephone Co. to order Thos A Edison for $500. and have deposited same in the Germania Bank.

The annexed check, #2756 for $500. is in exchange Mr. Edison requires above amt. for monthly disbursements at Llewellyn Park,

Respectfully
T. A. Edison

84-89

Mch 31 7

Saml Arnold Esq
Schenectady
N.Y.

Dear Sir: I have instructed any brethren as you request and he will be with you at the earliest possible moment.

Will you kindly sign and return enclosed check. I want to send him the money to enable him to pull out quickly as he is so situated that there is a little more expense connected with his moving than is usually the case — Just return the amount

9 2/

March 4/ 7

Bertie M. Tate
c/o Griffin Car Wheel Co.
Buffalo, N.Y.

The position is more important than simply stenographer and you have accepted it.
Advise you strongly not to let opportunity pass. Better rely upon my judgement. Reply

A. O. Tate

87-93

Personal

Samuel Insull Esq
Schenectady
N.Y.

My dear Insull: I have your telegram stating you will not sell Baumann that stock except under advice of Mr. Coster. When I saw Coster yesterday he was very short in his remarks and seemed annoyed. I think the reason is that Baumann has been hawking the market trying to sell the stock you offered him

"L.J.

a han advance over the price which he thought he could force you to accept, owing to the position in which he considered you were placed.

As your policy is to keep on friendly terms with Drexel Morgan. I do not think it would be consistent for you to negotiate sales with anyone who will rush in and beat the market the way Bergmann does. It has a bad moral effect and any temporary

#3
Ans.

advantages which may accrue to you by reason of such sale, will be more than counteracted by the ultimate result.

I tell you this because I think it states the case exactly and if you sell any of that Illuminating stock yourself you should consider the object of the purchaser, in the interest of your relations with Standard Oil Co.

Yours sincerely,

March 17

Messrs Drexel Morgan & Co.
Wall & Broad Sts
New York

Dear Sirs:

I beg to acknowledge receipt of your letter 3rd inst. notifying me that you have received $5173. Edison Elec. Ills Co stock scrip being scrip Dividend of 7½% on 7139 shares of that Co which you hold for my Ac at the closing of the books for said dividend

Yours truly

Thos A. Edison

98-113

Chem'l

Saml Sewall Esq
Schenectady
N.Y.

Dear Sir: I saw the Cashier of the Germania Bank in reference to that Boston note. The reason it has not gone through is that the Germania Comedies they have given us good accommodation and that we should lie upon them a little, - Such is the way in which the Cashier expressed it. Thereas

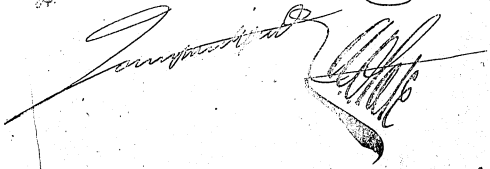
#2

the Boston note will go through all right on Tuesday next but there exists the feeling among the members of the Discount Board and the other Bank officials that our line of discount has reached a high water mark, and they apparently desire to await an ebb tide before accepting notes with the usual regularity.

I sent yesterday to the

#3

United Co to see what
their vouchers would
aggregate - The amount
was only $609. - I will
send up again tomorrow
and advise you.
This matter of discount
is getting serious. I will
buy and have those statements
ready for you upon your
arrival Thursday -



94-109

Germania Bank

List of Notes discounted P. A. C's a/c

for

The Edison Machine Works

From Feby 1st 1887 to March 1st 1887

From	Time	Amount of Notes		Amount Credited		Amount of Discount		When Due
P. B. Shaw	4	1937	00	1891	97	45	03	June 10 – 1887
Limited Co	90	2248	03	2214	68	33	35	May 11 – 1887
Jas. G. Barton	2	3099	68	3068	17	31	51	Apr 18 – 1887
Limited Co		3223	75	3176	47	47	28	May 20 – 1887
Coldwater Co	2	391	77	384	90	6	87	June 11 – 1887
Jas. G. Barton	90	2411	57	2375	00	36	57	May 27 – 1887
		13311	80	13111	19	200	61	

Feby 28th

The Edison Machine Works

Schenectady

To 1/2 of $300.00/100 allowed for discounting notes from Feb 1–1887 to Mar 1–1887 $33.44

March 7/ 7

Hall. Sivon Esq
19 Dey St
New York

Dear Sir: We beg to notify you that the Schooner "Post Boy" of Benner's line, is loading at Pier 11 East River for Florida.

Please have that Municipal dynamo sent aboard as soon as possible.

Yours truly

[illegible]

113-136

Schenectady 7

Samuel Insull Esq
Schenectady
N.Y.

Dear Sir: Response to your inst. The Chesterton Union Fuel Royalty was collected and deposited in the Germania by Randolph.

Mr Edison told me that Pat Edison would want a little over $600. per month and to let him have what he required. This is about the amt he has drawn

67-155

Mch 7/ 7.

Thos. A. Edison Esq
Ahpens
Fla

Dear Mr. Edison: I have delayed writing you in order that I might send a statement which Hutchinson promised me of the Isolated business which I know would interest you and which I desired to send in my next letter. He cannot give it to me before tomorrow when I will mail it to you.

Illuminating Stock:

Since my last report Drexel Morgan have

*2
T.A.G.

have
sold 200 shares @ 93 ($15,600).
They received $5173 scrip
dividend on the 739 shares
which they held for years 1/2
at the time of the closing of
the books for such dividend
(7%) They hold now 590 73/100
shares, [redacted] including scrip.

English Quad:

Mr. Geo. B. Prescott
states that he mailed you a
check on 19th Feby for English
Quad royalty, to Cheyenne Wyo:
Have you received it?

Am. Bell Telephone Co.

Mr. Pitt Edison handed

#3
3/16

handed
me check of this Company to
your order for $500. He
required the same amount
for disbursements at Llewellyn
Park so I gave him a check
on the Germania Bank for $500.
and deposited the other. Is
this all right?

Peoples Bank: Just before you
left we deposited in the
Peoples Bank for collection
two notes of A. Bergmann
one for $5000. and the other
for $6132. The former
has been paid and the latter
falls due on 11th inst.

Thompson. I am sending you

#4
J.A.S.

You have with duplicate forms of Contract for signature. They are for the Lehigh Valley and the Canadian Pacific - the latter Co. wrote a few days ago for bills and contracts. I advised you of the former in my last.

Will you kindly sign these, have them witnessed and return them to me.

I have just seen Mr Gowan and he tells me that he keeps you posted as to Light Co. affairs.

The Cunnopean bonds will all be paid off within a week or so. I cannot

"5
"A.E.

Cannot
say at the moment just what
surplus they will have after
making all these payments
but there will be sufficient
to compromise a number of
current claims.

There is no movement
at all in stocks. 185 is bid
for Light but there is really
none in the market. In fact
all our stocks are at a complete
standstill. I am glad to hear
through Tomlinson that you
are recruited [illegible]

Sincerely yours

March 10/7

Received from the A.B. Dick Company of Chicago, per Geo J Bingham Esq the sum of Two Hundred Dollars ($200) the same being a portion of the consideration referred to in a certain Contract now under preparation, between the said A.B Dick Company and myself in relation to autographic Stencils and ink

particularly referred to in my United States Patent No. 224,665 issued under date February 17th 1880.

Thomas A. Edison

Mch. 10/ 7

J. H. Sears Esq.
32 Sears Bldg.
Boston Mass

Dear Sir:

I have your letter 8th inst. It is not possible for me to say at the moment just what the future value of One Shilling Stock may be. As to its present value I do not know of any of the stock for sale and therefore do not know what price it is held at.

Yours Very Truly

Thos. A. Edison

March 10/7

The contract under preparation between the A.B. Dick Company of Chicago and Thomas A. Edison is to be the same as a certain Contract made between Thomas A. Edison and H.H. Ung under date 16th September 1885 with the exception of minimum annual royalty, which in case of former agreement shall not for the first year be less than $800, nor less than $1000. for the second year - together with a

Certain consideration of
Two Hundred ($ 200) paid
by said A B Dick, C., to
Thomas A Edison, a receipt
for which has been given
this 10th day of March 1887

Thomas A Edison

137-166

Sch 10 of 7

Samuel Insull Esq
Schenectady
N.Y.

Dear Sir: I enclose check No. 2767 for $50. for signature. This is for Expenses Russell and myself in re Contract Kenny & Unz:

I saw Unz in Philada and made satisfactory arrangement with him. I will write you the full particulars tonight. Have also made a splendid arrangement with Bingham

76

March 10/ 7

The Edison and Swan United Elec. Lt. Company Limited
#13 Albert Embankment Victoria St. S.W.
London S.E. England.

Dear Sirs:

In order to explain the delay in answering your letter of 12th Inst. in re certain patents which you desire to drop, I beg to state that when this communication arrived Mr. Edison was too ill to Consult in relation to any business matters. This letter with others, I have sent to him in Florida, and when I hear from him you will be duly advised of his decision. Yours truly, Jno. W. Iwaulls
Private Secy

126-168

dec 10/7

Thomas A. Edison Esq
Chipens
Florida

Dear Mr. Edison:

I annex a letter from the Edison Swan people in re certain English patents which they desire to drop.

The particulars of these patents are as follows:—

No. 3231 - Issued July 23rd 1881
For Extra Commutator to break spark thus

No 3604 Issued Sep. 1st 1881
For amalgamating Commutator and Ends of brushes to prevent spark —

No 4552 Issued Oct 18th 1881
Regulating dynamos by increasing or decreasing mass of yoke thereof:-

No. 4571 Issued Oct 19th 1881
Meter at Central Station to measure whole outflow so as to determine leakage

Hopkinson & Crabb say they consider these patents useless and that their

#3
24 Ja

their
being allowed to lapse in
England will have no effect
upon the same patents in
this Country or other Countries.
I would did not wish
to reply to attached letter
without submitting it to you,
in accordance with which
we await your decision
in the matter.

Yours respectfully

March 11/ 7

F. S. Hastings, Esq
16 Broadst
New York

Dear Sir: Following is a list of Companies in reference to which The Edison Mach. Wks desires to obtain the information I asked you for a few days ago.

Edison Elec Light Co.
Edison United R'Rg Co.
Edison Elec Ill. Co of Boston
" " " " Scranton
" " " " Wilkes-Barre
" " " " New Bedford

Also want to know of each the Capital stock, Executive Officers, Directors, Stock issued — to Such

extent as you may be
able to supply the information.

We have two notes of
the Scranton Company which
our Banks are holding
in anticipation of the data
requested herein.

159-169

March 11/ 7

The Edison Mach Wks
Schenectady
N.Y.

Dear Sirs: In reference to discounts today:-

Germania Bank

I saw the Cashier and he said that the Scranton note was presented to the Board but they did not accept it. In reguring to discounts generally he said he saw that you had increased your balance but as they took an average balance for three months past this present increase did not materially affect it. He

#2
Endorse

Mr
referred to the statement of the different companies which we were to give them. In this connection I wanted say that Mr Hastings portion of this statement will be completed tomorrow and we can file it at the bank on Monday.

I will be in Schenectady tomorrow night and submit the statement to you Mr Insull.

Eleventh Ward:

I have seen Mr Brown. He said that the Directors simply wanted a little

3 Collins

Little

information relative to the Scranton Company. I told him of the Statement of Companies which we are preparing and said we would give him a copy. He replied O.K. and if You want You can draw against that Scranton note # 29140. Advise me if you require to do so.

Sprague Motor Co.

This Company has moved its Executive Office from 16 Broadst to its Factory on 30th St, where

#11
Eastern Wks

Where
I have just called. Mr. Sprague had gone no one knew where — the same secret as when I called on them Yesterday. I arranged for the Acets to be balanced and will obtain a settlement tomorrow am advising You by wire of its nature — I understand from your telegram that it must be a check.

Compared by [illegible]

168-226

Mch 16/7

Thomas A. Edison Esq
Myers Florida

Dear Mr. Edison:- I received your note enclosing check of Geo. B. Prescott for $ 917.33/100 English Quad Regacty. which I deposited in the Peoples Bank as requested.

Isolated Plants:

I send herewith the long promised statement of United Company's work which Mr. Stetenson was only able to give me this a.m.

Kerosene Park Wiring

Mr. A. H. Edison

**2
7.A.M

showed me a letter from you re
ceiving your house. Stevenson
has the plans completed and the
work will begin immediately so
as to be completed by the time
you return.

Illuminating Stock Sales:

Drexel Morgan advise sales
as follows, since my last report:

Feb. 12 — 8 shares @ 98 to J.J. Goodwin
" 14 — 200 " @ 91 " L Teckmann

Total number shares sold to date 470

Lehigh stock

Last sales reported
@ 190. The market is

"3
2/16

intermittent and "forest stock
is about the only stock traded
in.

The weather here is frightful.

Correspondent

1/20

March 16/7

Hutchinson Esq
65 Fifth ave
N.Y.

Dear Sir: Will you kindly obtain for me a Dun or Bradstreet report on the
A. B. Dick Company
Corner Lake & Wabash sts
Chicago Ill
These parties desire to enter into

business relations with me, hence I desire to ascertain their standing

Yours truly

Thos A Edison

March 17/ 7

Mrs. M. Stilwell
Menlo Park
N. J.

Dear Madam:

In regard to your a/c I find that by our records we owe you $675.00 made up as follows:-

May 29/86 to March 19/87 @ $25 per week 107.5.
July 16/86. To Cash 100.
Nov 9/86 " " 100.
Jan 8/87 " " 200. 400. $675.00

Will you kindly let me know if this amount agrees with your record.

Yours very truly
Saml. D. Isaacs

2 7

ack 11/7.

E. T. Gilliland Esq
Myers Fla

Dear Mr. Gilliland:

The Municipal Dynamo was forwarded per schooner "Post Boy" which sailed 1st inst.

When can you send me up a stack of bills?

Awaiting reply do

to Mrs Gilliland and yourself

I am

Yours truly

March 21/ 7.

J. M. Sears Esq
#32 Sears Bldg
Boston Mass

Dear Sir:

I must apologize for the unavoidable delay which has occurred, in answering your letter of 11th inst.

The Ore Milling Company was organized for the purpose of providing funds to conduct certain experiments in the separation of Ores, and these experiments are still in

~~*Ld~~

in
progress.

Following is an extract from the Annual Report of the Company filed on 19th of Jany last

"The assets of the Company consist
" of 430 shares of its own stock
" in the Insurance of the Company:
" Letters patent and contracts
" and machinery of the value of
" about £ 10000.
" The existing debts of the Company
" do not exceed £ 5000 for money
" expended for its use and for
" labour performed and for machinery
" supplied.

The affairs of the Company are at present in a wholly

#3
2nd

Kelly

experimental state and the value of the stock will of course depend upon the results attained.

This being the case it is not possible for me to set a price upon the stock at present (there having been no actual sales within my knowledge) nor can I say what its future value may be.

Any other information you desire I will be glad to furnish

Yours very truly

Thos. A. Edison

267-271

March 28/87

Paul Trusell Esq
Secretary
N.Y.

Dear Sir:

I saw Mr. Bell today in reference to the contract of the Ocean Magnetic Iron Co. and the Edison Ore Milling Co.

He explains that they have been greatly delayed in commencing operations through parties from whom they have endeavored to purchase deposits; that certain negotiations are pending now and when these are closed they will order a number of machines and go actively to work. He said they might start in a few days

71

days
and it may be a few weeks, but
can hardly within a comparatively
short period they would be
prepared to go ahead.

I cannot find here any
record of machines having been
supplied to the Ocean Co.
Their contract provides that they
shall pay certain royalties on
ores separated — so much per ton.
They say that as yet they have
done no work, and until they
commence, I do not see how we
can anticipate any payments
from them.

A

272

March 25th 7

W. S. Logue Esq
Chicago & G.R.R.
Detroit Mich

Dear Sir: I have received your various letters from Chicago and Detroit

Drafts. If you cannot get your drafts cashed by a Bank we will send you a Check, certified, or telegraph you money. We would much prefer that you should not ask any person to cash your drafts except as purely a matter of business.

Loan Mr Insull will be in town tomorrow (Thurs Sunday) and

"W.U.

and
I will bring this matter before him. Up to the present matters here have been in such condition that I did not consider it to your advantage to broach the subject. I will write you the result on Monday.

C. & G. Estimate

You state that Mr. Neve claims he can erect wires @ $26 to $29 per mile — Box Relays $7.50 — and that he is going to put up a wire 66 miles in length. We will assume there are 6 offices on it you do not state the number. The figures are as follows:

Line Equipment:

Instrument

66 miles wire @ (say) $26 per mile	$1716.
6 Box relays @ $7.50	45
50 Cells Battery @ $.75 ea	37.50
	1798.50

#3
W. Fish

Maintenance

Interest on Investment @ 6%	107.91
Depreciation @ 5%	89.92
Maintenance 50 Cts per day	30.00
	# 227.83

Phonoplex Equipment

Six Offices Complete @ (Day)	# 300.00
#50 per Office	
Extra Expense (not seen)	50.
	# 350.

Maintenance

Interest on Investment @ 6%	21.00
Depreciation @ 5%	17.50
Battery renewal	25.00
Royalty	100.
	# 163.50

Taking Mr. Stevens own figures as above
it shows Morse Investment # 1798.50
against Phone ditto # 350.
and Morse Maintenance # 227.83
against Phone ditto # 163.50

The depreciation on a morse wire
as # yards weeks heavier than

#11
W.U.L.

than
5%, and the figures I set for maintenance are low.
The phone investment is only one fifth that of the morse and phone maintenance but two thirds of the morse.
Besides this phone circuits cannot be left open - are not susceptible to changes of weather - are not impaired by crosses. Can be discontinued at any time and all expense in connection with them made cease - Instruments can be transferred to other lines with but slight expense -

These advantages should bear weight in considering the two systems. Our royalties are not

*5
W.L.

not
high and do we cannot under
any circumstances consider
the point of reducing them.

Detroit Circuit

We are glad to know that the
Detroit circuit is in better
shape. From your more recent
letters we infer that you do not
require a relay.

Baltimore Check.

We greatly regret the delay which
occurred in sending a check
to Mr. Logue. The writer
overlooked the matter in
press of business.

~~Exhaustion plant Chicago.~~
~~We do not care to go to~~

W.U.

to
the expense of putting up an
Exhibition plant in Chicago.
The arrangement we are willing
to make with any Company that
desires to do business viz: to
make the acceptance of a circuit
dependant upon its satisfactory
operation, is we consider a
fair & friendly liberal, and meets
all the advantages which
could be derived from an
exhibition circuit.

Fire Alarm Circuit

Without understanding the
matter better I cannot say
whether or not we could operate
the phone on a Fire Alarm Tel.
wires The writer will discuss
that matter with you when he sees you

W. H.

You
in Detroit. I expect to be
in Detroit next week.

Ill. Central Ckt.

The length of the circuit - the
peculiar arrangement required -
and the excessive number of
offices would prevent our
operating it Satisfactorily.
We can't effect the arrangement
at present where the other obstructions
not in the way.

I have authorized you to draw
today for One Hundred Dollars
at one days sight. I will let you
know when I am to start for
the West.

March 29/ 7

E. & H. T. Anthony & Co
#591 Broadway
N.Y.

Dear Sirs: We are advised that the thumb screw that holds the camera on the tripod was not sent with the photographic goods forwarded by you to Myers, Fla.

Please mail one today to Thos. A. Edison, Myers, Florida

Yours truly,

Jennetmuk

Jan.

c Ydy/ 7

The Edison & Swan United Elec. Light Co
13 Albert Mansions Victoria St SW.
London England

Dear Sirs: We have delayed answering your cable of 27th March owing to the absence of the writer from the City. Our cable of March 2nd was intended to convey the information that your dynamos were exactly the same mechanically and Electrically as the Milan dynamos. As you have not fully understood us we cable you again this morning. Yours truly,

Th. A. Edison

Apl 7/ 7

A. B. Dick Co.
Chicago Ills

Dear Sirs: I have talked with some of my friends in relation to an Agency here for the Mimeograph and have decided that the man you want is Mr. N. A. Linor No. 19 Dey Street. Mr. Linor is the Manager of the Edison Shaping Mfg Co. has a large connection thro'

the State and has indicated his willingness to take charge of your business. He is perfectly familiar with the best methods of handling such an enterprise, and should you decide in conformity with my judgment, would immediately establish permanent agencies where necessary, and put on a force of travelling men.

Mr. Livon states that he would like to take the State of New York and

the State of New Jersey.
I told him I would write
you and ask you for a
proposition. If you wish
you can write him direct
stating terms and conditions
upon which you will enter
into agreement with him,
or if you consider that
it will facilitate matters
any you can write to me
and I will be very glad
to render you all assistance
in my power to effect
a speedy settlement and

get your business made
many in the East.
Unless you can make better
arrangements in Boston I
think you would do well to
suggest that Mr. Livor take
the Agency for New England
in conjunction with the two
States mentioned. I should think
that business could be handled
as well from here as from
any other point.

I will be able to
write you more long in
relation to the battery

which I spoke of when
I had the pleasure of
meeting you in Chicago.

I might add in
Conclusion that as Mr.
Lieut is already connected
with a branch of Mr. Edison's
business you might derive
some advantage from the
association

Yours truly

(25)=328
25

Sept 5 7

Messrs
Eimer and Amend
211 Third Ave
New York

Dear Sirs: Please ship by express to

Thomas A. Edison
Cleveland, Florida
Care Captain of the "Alice Howard"

the following:-

2 oz	Aluminium in one thick piece
25 lbs	metallic antimony
3 oz	pure antimony
6 lbs	bismuth
10 oz	C.P. bismuth
1 lb	Cadmium
10 oz	Cobalt, cubes (plate preferred)

Apl 8/7

E & A

20 lbs lead
5 lbs test lead
1 oz ingot Magnesium
8 lbs nickel in plate
2 oz platinum assorted sheet and wire
10 oz silver ingot
10 gms Tellurium
15 lbs Tin
1 lb C.P. Tin in bar

Advise us when these chemicals go forward and render bills in duplicate

Yours truly

Thos. A. Edison

Pres

copy of J

Thomas A. Edison
Myers Fla:

Dear Sir: We beg to advise you that in accordance with your instructions we have ordered expressed to Cleveland Florida care Captain of the "Alice Howard" the following:

2 oz Aluminium in one slab piece
25 lbs Metallic antimony
3 oz pure antimony
1 lbs Bismuth
10 oz C.P. Bismuth
1 oz Cadmium
10 oz Cobalt in slab piece pressed
20 lbs lead
5 " test lead
1 oz ingot magnesium
5 lbs nickel in plate
2 oz platinum assorted Metal and wire
10 oz silver ingot
10 gms Tellurium
18 lbs Tin
1 lb Cr Tin in bar

Jo. B

Dec 8/ 7

11	Square feet	Copper	1/16"	thick
11			1/8	
11			1/4	
11			3/8	
11	Sq.	ft.	Tinned Steel 1/32"	thick
11			1/16	
11			1/8	
10	Sq.	ft.	Steel Iron	1/16 thick
10			1/8	
10			1/4	

Mr Batchelor is in receipt of your letter of the 7th. He will be here tomorrow when we will get from him information relative to bar iron and issue order for it to be expressed immediately. You will be duly advised when material goes forward and duplicate bills will be mailed to you.

Yours truly,

Apl 81 7

Pro: H. Bergmann & Co.
292 Canal St
New York

Dear Sirs: Please send by express to

Thomas A. Edison
Cleveland, Florida
Care Captain of the "Alice Howard"

following:

4 square feet Copper ½ in thick
4 " " ⅜ "
4 " " ¼ "

4 Square feet Tinned Silver ½ in thick
4 " " ⅜ "

10 Square feet Sheet iron ½ thick
10 " " ⅜ "
10 " " ¼ "

Boston Apl 8/ 3

et us know if any of these
re odd sizes and how soon
the full order can be expressed
o that we may advise the
onsignee.

Answer your bill in
duplicate.

Yours truly

Thos A Edison Pres

Apl 11/ 7

Thomas A. Edison Esq
Myers Fla.

Dear Sir:

I enclose herewith for signature a limited license in favor of H. H. Unz for the use of your patent No 295,990 on certain conditions as expressed in said license, together with a letter, also for signature demanding from Unz an assignment of his contract with you under date

In explanation of this I beg to say that a few weeks ago I was approached by the A. B. Dick Co. of Chicago who

J.A.L.

who desired to purchase the right to use your patent No. 224,665 which relates to the production of duplicating writing machines (autographic stencils) by use of a corrugated surface. This patent was tied up under the Unz contract for three years, and in such a manner that whether he did anything with it or not we had no means of cancelling the contract until after the expiration of three years.

I hunted up Unz and found that he had gone a certain distance in connection with producing a machine embodying

J. A. E.

Embodying
the patent, and he stated that
he had spent about $1000.
in experiments. As soon as he
commenced to negotiate with
him for an assignment of his
contract he attempted to take
advantage of his position under
the agreement - first demanding
a heavy cash premium, then
a permanent interest in the
patent. The A. B. Dick people
were ready to place upon
the market a machine
which Mr. Dick had perfected
embodying this patent.
We did not consider it advisable
to inform any who it was

J. A. G.

was
that desired to obtain the patent
as he was attempting to play so
sharp a game that he would
have discouraged the Dick people
and destroyed your opportunity
of obtaining a good annuity
from an invention which has
been unproductive from its birth.

During the course of conversation
with him he mentioned that
certain Type Writer people had
approached me in relation to your
patent No. 298,990 for needle printed
type. He immediately jumped at
the conclusion that these
were the parties who wanted
to use the patent he controlled

#5

J.A.C.

Controlled
by him and proposed giving
them the right to use the latter
patent providing he retained the same
right himself. was paid $500. and
licensed to use also the first
named patent on type. he knew
he had conceived the idea that
this type writer patent was the
more important one of the two
and we presented to him as our
ultimatum this proposition —:
We would give him $500. in
cash and if within the present
year he could produce a type
writing machine embodying
your invention, which worked
satisfactorily we would give

J.R.S.

give him a limited license to use the type inventions — which license applies only to his make of machine and did not restrict the licensing of other manufacturers by us.

As he had fully impressed himself with the idea that the Typewriter people had found something valuable, which he could not just then realize he accepted the proposition, and it is pursuant to this agreement that I send you the within for signature. The license must be delivered to him before the sixth day of May next and as I have closed with

Jan 6

with
the A.B. Dick Co. you will see the
necessity of returning these papers
to me at once.
In relation to this type writer patent
the parties who approached me were
the Ball people. Ball has a machine
but it is really no good. No one
else has spoken of it since
Wyckoff Seamans & Benedict sent to
your house. I do not consider
this a valuable patent - and even
could it be ~~made~~ adapted to
a type writer I do not think
its nature warrants the exclusive
licensing of any single manufacturer.
I mean by this that if the
Remingtons adapted it it

T. & C.

it
would be used where Remington
Machines are used — and so with
other ~~people~~ Manufacturers.
I express my opinion on this patent
in order to explain my reason for
having committed you to an
obligation. In the first place
my conviction is that Unz will
not produce any machine at all
and next, should he produce
a satisfactory one it will only
induce other Manufacturers of
Type Writers to adapt the
invention — and we can licence
them to use it, and thus turn
Unz efforts to our own advantage
and reap pecuniary benefit
from the secret of his labors.

I.A.E.

Cabon. The A.B. Dick Co. will pay the $500. which are have given to Unz. They also agree to pay a royalty of .75¢ on each machine sold and 5% on renewals: that royalties for the first two years shall not amount to less than $800. in each year and not less than $1500. per annum thereafter. These provisions are the same as those in the Unz agreement. We have seen the Dick machine and it is simply perfect. It is without a doubt the best duplicating machine in the market and a dealer who wanted to get the

#10
Jan 28

the
Agency for Railroads alone offered to guarantee the sale of ten thousand machines. I estimate that your Royalties will amount to from £ 2000. to £ 5000 per annum. Under these circumstances I felt that it was absolutely necessary that I should get an assignment from Unz of his contract. His attempt at a sharp game threatened our success but I think he overstepped himself, and that our diamond proved to be harder than his. I had not time to consult you

I. H. C.

Yours
My letter as Linz was working in every direction to find out what we wanted with his contract - As Dick respected his machine not knowing you controlled the patent, and had spoken of it outside, there was a chance of Linz hearing about it so I did the very best that could be done under the circumstances and arranged matters according to the foregoing explanation. Kindly sign and return the enclosed at once. The Dick contract is being written and when completed will be forwarded to you for

Signature

Yours truly,

Apl 12 97

Thomas A. Edison Esq
Myers
Florida

My dear Mr Edison:

There has been quite an interval since the date of my last general letter to you owing to my having been out in Chicago, settling up Machine Works matters with the late Western Edison Co

I have just this afternoon returned from Schenectady where they are struggling with floods the dwellings are at present on an island. Today they are closed down as they can be reached only in small boats, but they think the water will recede during

J.D.R.

during the night and permit them to steal up again tomorrow morning

Dressel Morgan & Co. have reported the last sale of Lanston Monotype stock, 800 shares in all, realizing £ 75,964. 75/00, an average price of 94 95/100 per share.

The scrip dividend of 7% on 739 shares (15173) they hold for years.

I sent you one line age copy of my review of the phono. pamphlet together with my circular letter and copies of testimonials. These have only been out a few

#3
T. A. G.

few days must have brought in orders from three Roads - viz:-
The N.Y. L. E. & W. Ry
The Monfoak & Western Ry
Chicago Burlington & Northern Ry
the start work on the Erie on Monday and others will follow as rapidly as we can attack them. All our circuits are in first class shape. I have an appointment with Mr Bates to settle up the B & O matter tomorrow - will write you the result.

United Co. You have doubtless heard that Chimmack has taken the General Management of this company and has established himself at 65 Fifth Ave. This was caused by a feeling that Hutchinson's policy

V. P. Co.

Policy
was not sufficiently vigorous.
Hutchinson remains as Assistant
Light stock
This stock sold yesterday @ 235.
Today 230 is bid but no sales.
Isaac tells me that the
Machine works are turning out
four miles of tubing per month
from the Watertown station and as
soon as it becomes necessary will
more than double the output.
Johnson visited Schenectady and
was more than pleased with what
he saw. He did not anticipate
seeing such a large and well equipped
concern. MacDougals connection
with the works was severed on
Monday. Isaac will give you
particulars in regard to this
and the arrangements which

F & Co.

which
will be made to replace him.
This not fully decided yet whom
they will install.

I have met with some
delay in getting that sheet copper
and iron which you ordered as
I could not find it in stock
anywhere. It will go forward
in a day or two. I am pushing
it all I possibly can.
The Chemicals were forwarded
Yesterday per Adams Express
to Cleveland Care Captain of the
Alice Maynard.
There was a paper sent you
relative to Thompson Co. which
was written in French.
You are to initial the
first sheet and sign where
indicated on the second

Feb 6

Second
sheet, writing above your
name the legend. "Bon pour
pouvoir." (which means
"Good for power")
Coster is very anxious to get
this as he cannot go ahead
in European matters until
it is returned. Kindly forward
it as soon as you can.
I am going out on
Saturday to have a look at
your house - will write
you about it.
I have'nt seen any more
Coster cheeks.
Your balance in the
Peoples Bank on March 31st
was $12,812.97. I have

"7
30th

Dear
Not seen Batchelor since his
return from the South. He
is in Scranton at present but
has asked me to meet him
on Friday. I am very sorry to
learn that you are not well
Hall. I trust to hear better
reports during the next few days.
Please remember me kindly
to Mrs Robinson + children

Yours sincerely

April 11th 7

Thomas A Edison

Myers Florida

Do you want copper hard
or soft. Smooth rolled or regulars
Dies Litter. Or what kind of
Sheet Iron answer quickly

A. D. Fate

April 11th 7

Edison Lamp Co'y
East Newark
N. J.

Dear Sirs

I beg to acknowledge
receipt of your favor of the
5th inst. enclosing Dividend
check for $1250 for which
accept my very best thanks

Yours truly
Thomas A. Edison
P.S.

Apl 19/ 7

Thos A. Edison Esq
Myers Fla:

My dear Mr Edison:

Enclosed please find duplicate bill for linen & linen goods which I address you have been expressed on 11th inst.

I wrote you on 14th asking for information regarding copper and shot iron which Benjamin Co said they must obtain before they could fill your order just as you require it filled. Not hearing from you I instructed Benjamin to use his best judgement w.r.t the matter, which he is doing.

I received your letter of 9th

J.P.M.

75

on 13th - the day after I had answered your query re Illuminating Stock.

In case the latter should miscarry I will repeat that Drexel Morgan have sold the 801 Shares realizing the sum of $75,964 75/100 an average price of $94 56/100 per Share. They hold for your a/c $5173, being scrip dividend of 7% on 739 Shares which number they had on hand when such dividend was paid.

I have seen Bannington and gave him your message in regard to Mexico.

Your brother has just been in and says they will be through work on your house in about ten days, so that

Fa 8a

that
order will have been restored by
the time you return.
Thompson:
The Erie installation will
be completed tomorrow, when
we take hold of the Norfolk
& Western by circuit.
Bates, of the B&O was out of town
when I called to keep my appoint-
ment with him. He sent over
to me yesterday for a dozen
copies of our re issue of phone.
pamphlet and circular letters
So is evidently coming to a
conclusion in regard to the
system. Mr. Stewart, Supt Telegph
of the B&O Lines out of Baltimore
told me the other day that
the Harrisburg circuit had
worked, and was still working

of
Md.

working
Splendidly and so far as the Baltimore officials are concerned they will execute contracts immediately.

I understand that Oliman has communicated with you in regards to your becoming a Director in a Company of his which owns patents on a Pulverizer.

You will remember my having shewn you a sample of Plumbago which had been ground by a very Cheap process. This is the machine which ground it. I have seen it in operation and heard experts pronounce it the best in the market and wonderful in its results. Oliman is pushing it pretty hard.

He wrote down here the other day saying he considered

Feb 15

considered true
the present propitious to approach
the Western Union people re
Phonoplex. I saw him the other
day and he mentioned the matter
but said he has no figures in
regard to comparative cost of
the phone equipment with morse
equipment. The figures that he
really wanted however were
those expressing the amount of
his commission. This matter
will have to await your return.

Please sign and return the
enclosed orders so I may
obtain the letters.

Floods at Schenectady have
subsided - The works were delayed
only a day. Farrell, who is
in town today, tells me they
have installed Turner in

"B"

in
the position Vacated by
Macdougal and that there
is a big improvement in the
management of the men already.

Turner is anxious to make
a name for himself in connection
with the Machine Works and
fully realizes that he has now
a good opportunity.

Coster received that European
Power which you executed.
I will write you tomorrow
re European matters and explain
why this Power is required.

We will all be glad to
see you back again

Yours faithfully

376

April 20th 07

Germania Bank
285 Broadway
City

Dear Sirs

I beg to enclose you herewith Note from The Edison United Mfg Co for $2000.00

Please discount same on Friday and place proceeds to my credit, and greatly oblige,

Yours truly,
Thomas A. Edison
A.

Apl 20/07

Thomas A. Edison
Windsor Hotel
Jacksonville Fla

Saw your registered at Jacksonville Monday night If you are coming north you make a mistake as weather very cold and unsettled

Batchelor

April 21/ 7

Dear Sir:

Enclosure please find Tax Notice Thos. A. Edison personal Estate, arrears for $20,000 — Thos. A. Edison as Adm. Est. Mary Edison $20,000, for property in City and County of New York which you kindly do the necessary in connection with

New York April 22nd 1887

E. McGowan Esq
16 Bridal Street
City

Dear Sir

I beg to enclose you herewith Twenty Dollars. Salary in full to April 23rd 1887

Yours truly
Thomas A. Edison

R

Office of
Samuel Insull
Secretary
N.Y.

Have received
the sum of $20
twenty dollars
U.S. Gold

H. H. Berg Esq
Philadelphia
Pa

Dear Sir:

Pursuant to the provisions of a certain agreement made at Philadelphia March 2nd 1868 I hereby tender you a license duly executed by me and authorizing you or your assigns to use the invention claimed and described in Letters Patent of the United States under date April 14th 1868 and numbered 295,990 for a method of producing printed impressions in duplicate, upon the terms and conditions of said agreement as expressed in

in
said license, and request [redacted]
You to assign & convey all your
interest and rights in Letters Patent
No. 220,665 Sept 16th 1879, as
aforesaid to you, in pursuance of
certain agreement between you
and myself made and dated the
16th day of September 1885, and to
that end I enclose and request the
execution of a formal reassignment
prepared in accordance with the
said agreement of March 25th 1887

Yours truly,

[redacted]

Apl 27/7

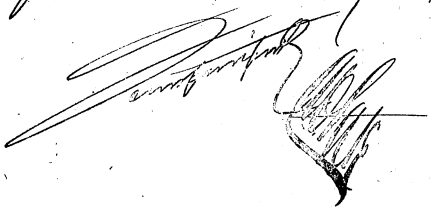
The Adrian Machine Works
Schenectady
N.Y.

Dear Sirs: I was notified by the Germania Bank today that Mr. Edison's a/c was overdrawn and upon sending to them and having our book made up we found you had on the 22nd inst drawn a check to your order for $ 2000, omitting to notify this office of the same.

I have explained in another letter how I arranged to cover the overdraft, and would suggest that to prevent a recurrence of what has proved a serious oversight, and might prove

#2

Still more serious, you have reference to some systematic arrangement for issuing notices to this office when it is found necessary to check on Mr. Edison's A/C from Schenectady.



Apl 27/89

Mr A.W. Sullivan
59 Prospect St
Lockport N.Y.

Dear Madam:

In reply to your letter without date I beg to say that the use of my name in connection with rubber garments is entirely unauthorized; that I know nothing whatever of such articles and that I will prosecute to the full extent of the law any persons who continue to attach my name to the above mentioned wares.

Yours truly
Thos A. Edison

April 28th 87

George P. Hilton Esqre
Benvaigs via Cromwell
Otago. New Zealand

Dear Sir:

I beg to thank you on behalf of Mr Edison for your very kind letter of 24th March.

It will gratify you to know that Mr Edison is fully restored to health from Florida and returns in a fortnight to resume work in his laboratory. Where he hears at present he would take much pleasure in acknowledging your letter himself.

I enclose you one of his autographs, and remain

Yrs dear Sir

[signature]

May 5th 7

Peoples Bank
Corner Canal and Thompson Streets
City

Dear Sirs

Enclosed please find from Edison Lamp Company for $1400. please place same to my credit and greatly oblige

Yours truly
Thomas A. Edison
VP

May 5th 7

Thomas A. Edison Esq
Orange
N. J.

Dear Sir.

I beg to advise you that I have deposited to your credit at the Peoples Bank a check from The Edison Lamps Company for $1400.
Hoping you are enjoying good health
I remain

Very truly
John F. Randolph

February 5th 7

Edison Lamp Company
East Newark
New Jersey

Dear Sirs

I beg to acknowledge receipt
of your favor enclosing Dividend
Check for $1,000.

Yours truly
Thomas A Edison
R

May 5 /

A. M. Lim & Co 19 Dey Street

For Colonial New Lab. I shall probably want:-

1 16" lathe about 12 ft
1 30" "
1 60" "
1 42" planer with side head
1 12" shaper with circular attach.
1 24" Drill press
1 5 or 6 ft radial press and angle attachment.
3 first class hand lathes
1 Screw cutting (good) & large thread.
1 small drill press
1 " " " for very fine work

Please look these up and if you see any or have any in view kindly

2

Think will answer. Get the prices
of clothing & the articles
of them — I shall want nothing for
the present — I may want some
more but I will let you know
later

Truly Yours
Eliza A Edson
for CB

May 7th 7

D. McGowan Esq
16 Broad Street
City

Dear Sir

I beg to enclose you herewith $10.00
being salary in full to May 7th 1887

Yours Truly
Thomas A Edison
P.

May 7th 7

Saml Insull
Schenectady N. Y.
Dagger will be home tomorrow
O. B. Potter

May 7th 7

H. H. Ulrz Esq
St George Hotel
Philadelphia Pa

Dear Sir

Your licenses was delivered at your Hotel in Philadelphia, on Thursday last the 5th inst.

I regret not having been able to have gone over to see you but have been confined to my room for the past ten days it has been impracticable. You will find on back of your old contract a formal assignment which kindly execute and return Document to me.

I hope to see you in Philadelphia ere long

Yours truly
2 D Yates
9

May 10th 7

Thomas A. Edison Esq
East Newark
N. J.

Dear Sir

The machinery ordered for your present Laboratory is as follows:-

One 16-20"x 6 Ft. Bridgeport Lathe, with taper attachment and Compound rest.	$ 475.00
One Brown & Sharpe No 1 Universal Milling Machine	550.00
One Set of Parts	43.00
One 14" Bridgeport Hand Lathe	125.00
Slide Rest will be fitted to same at reasonable price	
One 11" x 4 Ft. Spencer Hand Lathe, with Slide Rest	100.00
One Slate Sensitive Drill	65.00
One Lewis & Phillips 12" Shaper. with circular attachment	500.00
	$1858.00

Yours Truly
John F. Randolph.

May 18th 7

Thomas A Edison Esq
Edison Lamp Company
East Newark N. J.

Dear Sir

I beg to advise you that I have sent to the Peoples Bank to be deposited to your credit a check from Mr E. F. Gilliland for $1000. handed me this day by Mr Sewell

Yours truly
John F Randolph

May 25th. 1887.

Mrs. S. L. Strong,

Florence, Mass.

Dear Madam :-

In reply to your letter of the 22rd of April which has remained unanswered owing to the absence of the writer from the City, I beg to say that the Edison Ore Milling Company was organized for the purpose of conducting certain experiments in the separation of magnetic ores. These experiments are still in progress, and the value of the stock of the Company depends upon the results which may be obtained after the y are completed. It is therefore impossible for me to say just what the value of this stock is at present, as you will see from the above explanation that it depends upon the developments of the future. I think that during the course of the next few months we will be able to make a more definite statement in regard to the success of experiments which are now in progress.

Yours truly,

T. A. E.

May 8th, 1907.

s. Annie Kassie

Paris, Ky.

r Madam:-

Your letter of April 9th has remained unanswered owing
my absence in Florida. I cannot fail to appreciate the honor
ch you do me in asking me to assist in carrying out your gen
us ideas in regard to building a reading room, gymnasium &c
the benefit of the young men of your town. It would give
ut pleasure were I in a position to assist you as you desire
a successful inventor is really a successful financier, and I
self am no exception to the rule. Besides this, my time is
ly occupied with my inventions that I have no opportunity to
ch investments, and I have no doubt that you will be able to
d some one more worthy of your confidence who will gladly
dertake to carry out your plans. I regret my inability
do so, and beg to remain,

Yours respectfully,

T.A.E.

May 26th. 1887.

Messrs S. F. Myers & Co.

50 Maiden Lane,

New York City.

My Dear Sir:-

I have your letter of the 18th instant.

I appreciate very highly your kind acknolwdgments of my labors, and would be glad if it were in my power to grant the request that you make of me in regard to naming one of your movements the "Edison Watch".

During the past few years a great many ~~xxxxxxx~~ articles have been placed upon the market, and my name attached to them by unauthorized parties. In suppressing such actions as these I have always taken the stand that my name is used only in connection with my own inventions. It is necessary that I should maintain this position owing to the number of people who are interested in inventions which I have placed upon the market.

I t is with much regret that I am obliged to refuse your request, as I appreciate the feelings which prompted you to make it. It would, however, be inconsistent with the position which I have always assumed where my name has been connected with inventions other than my own.

Again thanking you for the honor which you have paid me,

May 26th 7

John C. Tomlinson Esq
" H.O. Wall St
New York

Dear Sir:

Enclosed please find letter from Mr Marden Manf'g Chemist regarding of St. Louis under date 24th inst. Covering a clipping from the St. Louis Globe Democrat in reference to the "Eddison Fire Extinguisher." (205 Isaac Building St Louis Mo)

Also annex a communication from W. T. Maurice of St. Louis, who states that the Manufacturers of the above device represent it as one of my inventions.

I have replied to each of these letters denying any connection with the machine and wish you would kindly take the necessary legal action to have the misrepresentations suppressed.

Yours Truly

May 26th 1

The Edison & Swan United Elec. Lt Co (Limited)
J. Hood Page Esq Secretary
"13 Albert Mansions Victoria St
London S.W. England

Dear Sirs:

I am in receipt of your letter of 10th inst. addressed to Mr. Edison in relation to British patents.

Mr Edison is at present absent from the city, and in view of the fact that you have in the above communication disregarded his cable of Jan 13th last (confirmed Jan 24th) cancelling

"2

E. L. Wells (Chicago)

Cancelling
the offer made in his letter
to you under date Nov. 9th 786,
the matter must remain in
abeyance until such time
as I can consult with him
in regard to his present
disposition.

Yours truly

Private Secretary

P.S.
Of course this does not prevent the
Machines being shipped to Wilson
at the earliest possible moment

May 23rd 7

A. B. Dick Co
Lake Co. Crater &c
Chicago Ill

Dear Sirs: Upon my return to New York after a protracted absence I find your letters of 4th and 13th inst.

Mr. Liner informs me that you said in reply to a communication from him that a representative of your firm would be in New York shortly. I think this would be the most satisfactory way of closing up all matters pending between us and at the same

Dear Sir

Same time we caned together consult Mr. Edisons Solicitors in regard to the liability of the Broderick Copygraph Company.

I consider it very important that you should know exactly how you stand in relation to the Abona Company as they have a machine which will materially interfere with your own sales in the East if it be allowed to remain on the Market.

Kindly let me know when your representative will be here

May 3rd '87

M. M. Unz Esq
Girard Hotel
Philada. Pa,

Dear Sir: I beg to remind you that you have not returned to me the assignment and copy of agreement 16th Sept/85 which together with other papers were delivered at Your Hotel in Philada. on 5th inst. Please send these to me by return mail

Yours truly
Wm. Pollock

June 2/ 7

Messrs C.O. Alsace & Co
P.O. Box 2866
Newcastle

Dear Sirs:

In reply to yours letter 23rd inst. wh. I beg to say that the Ore Milling Machine only separates gold from magnetic iron sand. If the iron sand is mixed with Quartz the gold and Quartz will fall on one side and the magnetic iron sand on the other. The separator is only useful where the gold is found in alluvial soil with large quantities of iron sand. It requires a 3 horse power Engine and boiler and a 2 horse power dynamo and separator.

Cost of Engine "Boiler (Second) £ 300
" " Dynamo 35 0
" " Separator 85 0

The same Engine and Dynamo will run two separators each of which will separate one hundred tons of iron sand in ten hours.

Yours truly
Samuel Sasell & Co

June 21 7

Thos. P. Connery Esq
Legation of the United States
Mexico

My dear Mr. Connery:

I have your letter of 21st inst. re Ore Milling Stock. Your former letter must have miscarried as I have not received it.

The Ore Milling Company was organized for the purpose of conducting certain experiments in the matter of separating magnetic ore and sand. The experiments have been

#7

been
prosecuted diligently and
within the past few months
I have made improvements
in the machine which will
overcome, I believe, the difficulties
heretofore encountered.
I think that developments
during the next few months
will take the Company out of
its present experimental stage
and place a value on the stock.

Yours very truly

Thos. A. Edison

June 21 '97

Mrs. J. Wood Wright Presdt.
Ladies Assn. Manhattan Hospital
174th St. and Kingsbridge Road
New York

Dear Madam:

I take pleasure in enclosing herewith $5.00 and wish you would very kindly send me five tickets for the Open Air Entertainment to be held at your grounds on 4th inst. for the benefit of your Association.

Yours truly

Thos. A. Edison

June 21 '7

Romeike & Agency Limited
#17 Southampton Row
High Holborn
London W.C. England

Dear Sirs:

Replying to your letter 10th April last I shall be glad to subscribe to your agency for personal articles only, which please forward to the above address.

If you will let me know the cost of such subscription I will remit the amount.

Yours very truly

Thos. A. Edison

June 9th 7

Emilie Edwards Esq
#254 W 25th St
New York

Dear Sir, In reply to your post
card I beg to say that I
am at present engaged in
improving my Phonograph
and will be prepared in
a few weeks to [illegible]
[illegible]

Yours truly,
[illegible]

June 9 17

A Rock Co
234 Orton Ave
New York

Rendu Reçu note 1re
vert Reçu vis à vis le
Mysterieux de Prospect Park
Range 1.B avec warning
of — Bon Bon Mon Chéri
fait

June 9th. 1

P. L. Forrester Esq
Nogales and Sonora Mining Co
Nogales, Arizona

Dear Sir: In reply to yours of May 26th I beg to say that I have recently made great improvements in my ore milling process, and am still at work upon it. In the course of a couple of months I will be prepared to put these in practical use and would be glad to have you write me again. At present I cannot answer your satisfactorily

Yours truly
Thos. A. Edison

June 14th. 1887.

John C. Tomlinson Esq.,

40 Wall Street,

New York.

Dear Sir:-

In reference to the attached, I beg to say that I have consulted Mr. Edison, and he thinks that these parties ought to be restrained from using the word "Electric" in connection with their Fire Extinguisher. He says further that he does not believe their statement to the effect that a Chemist named Eddison perfected the invention.

This is plainly an attempt to trade upon Mr. Edison's name, and he is desirous of having it stopped as far as it possibly can be.

Yours truly,

A. O. Tate

June 14th. 1887.

Edison Machine Works,

Schenectday N. Y.

Dear Sirs:-

In regard to the two unpaid vouchers in your favor held by the Edison Electric Light Co. I beg to say that at a meeting of the United Company held ~~on~~ yesterday a resolution was passed to the effect that the amount due the Edison Light Co. by the Manufacturing Company was to be paid by a note given to the former by the latter, bearing the endorsement of all the shops, the period of which I am not aware of. The Light Company will therefore, make the payment at present due you and Mr. Hastings promised to adjust the account to-morrow. He will also send you a copy of the resolution to which I have referred.

Yours truly,

A. A. Tute

June 14th. 1887.

E. Barr Esq.,

335 Broadway, (Room 17)

New York.

Dear Sir:-

In reference to your letter of the 7th instant I beg to say that I have only installed sufficient power at LLewellyn Park to supply 400 lamps above what I require for my own use. I have promised to furnish Messrs Anchincloss & Burke, and as yet I am not sure as to the number of lights they will use. How many would you require?

I shall be very glad indeed to supply my neighbours with light so far as the capacity of my plant will permit, and simply charge them with the cost of production.

Yours truly,

T. A. E.

Letterbook, LB-025

This letterbook covers the periods June 1887-January 1888 and August-November 1888. Many of the letters are by Edison. There is also correspondence by Alfred O. Tate and John F. Randolph. Included are letters relating to phonograph patent applications in the United Kingdom, electric light patents in France and Germany, and the marketing of the electric light in Asia. Other letters pertain to the ore separator and to the Edison phonoplex system. Included also are letters to Samuel Insull about the proper manner of representing Edison as a surrogate and correspondence with A. B. Dick regarding an electric pen agreement. The front cover is marked "188[7?]" and is labeled "General Letters." The spine is stamped "Letters." The book contains 498 numbered pages and an index. There are also numerous groups of unnumbered pages inserted into the book between the numbered pages. Approximately 30 percent of the book has been filmed.

June 23rd. 7

Thomas B. Connery Esq.

Legation of the United States,

Mexico.

My Dear Mr. Connery:-

I received your letter of the 3rd instant to day. I am making certain improvements in connection with the Ore Milling machine, which I believe will make it very much more valuable than it has yet proved itself to be. In the course of a couple of months I will be able to give you more definite information in regard to what these improvements are.

Yours very truly,

F.A.E.

June 22rd. 7

H. H. Unz Esq.

St. George Hotel,

Philadelphia, Penna.

My Dear Sir:-

I beg to acknowledge with thanks receipt of the lease referred to in your letter of the 14th instant.

Yours truly,

Wagatt

June 29th 7

Thomas A Edison Esq
Orange
New Jersey

Dear Sir

In regard to your favor received this morning I beg to advise you that I have sent for all the catalogues mentioned by you except one from Mr Gunnow and I have looked very carefully in the Directory and cannot find his address.

The above catalogues will all be forwarded to your house at Orange N. J.

Your instructions in regard to having a check for $3.00 sent to Miss Edison will be promptly attended to each week.

Yours faithfully
John P. Randolph.

July 7th. 1857.

D. R. Baker Esq.,

Office of the "Evening Post.

Cinn. O.

Dear Sir:-

I have your letter of the 16th Ult. in reference to Aerial Navigation. My belief is that this will be accomplished by means of an inclined plane, the apparatus being held in air by power and propulsion forward obtained by falling and rising due to the wind as with birds.

Yours truly,

ers a superior article, particulars in regard to ...
of course embody in this circular. Mr. Edison's idea is not to bring him personally before your Agents when explaining these recent developments to them.

Yours truly,

My Dear Mr. Chinnock:-

Mr. Edison has noted your letter of the 2nd instant in reference to a circular which you desire to send to your representatives throughout the United States; he says that he thinks you had better consult Mr. Johnson in regard to the wording of such a circular, and his own opinion is that it should be thoroughly impersonal in its remarks. He means by this that it should state that Mr. Edison has been employed for some time in improving lamps, and in consequence of such improvement certain results have been attained, but that the Manufacturing Co. should simply say that owing to improvements which have been made in connection with lamps they are in a position to offer their customers a superior article, particulars in regard to which you will of course embody in this circular. Mr. Edison's idea is not to bring him personally before your Agents when explaining these recent developments to them.

Yours truly,

July 7th. 1897.

W. H. Beam Esq.

21 York Chambers,

Toronto St. Toronto, Canada.

My Dear Beam:-

The A. B. Dick Co. of 152 Lake St. Chicago, have written me in reference to the Agency in Canada for the sale of the Edison Mimeograph, which is an instrument for producing duplicate copies of Autograph writing, about which I conversed with you when last in Canada. The Company states that Mr. J. H. Dunbie of Toronto has written to them asking for the General Agency for this machine. I have replied stating that I do not know Mr. Dunbie and have advised them to write you in regard to obtaining a suitable connection for them in Toronto. They will send you full information in regard to the work which this instrument accomplishes, and I have also asked them to send you a sample of the machine which you can use when negotiating with whatever parties you consider may be suitable. I would suggest that you see Mongough & Co. They seem to have a good connection in Canada, and through the medium of his Typewriter Agents ought to be able to do good work.

If the A. B. Dick Co. don't state in their letter to you what terms they will make for this Canadian business you had better ask them to give you their terms, and they will [illegible]

ask them to give you their terms, and that will be a basis upon which you can operate when negotiating with those whom you select as general agents.

If you want any further information in regard to the matter let me know and I will be glad to give it to you.

Sincerely yours,

July 7th. 1897.

A. B. Dick Co.

806 Lake St.

Chicago, Ill.

Dear Sirs:-

I have your letter of the 28th Ult. in reference to Mr. J. H. Duchic of Toronto, Canada who has applied for a General Agency for the sale of the Edison Mimeograph in Canada.

I think that I can form a better connection for you in Toronto than that which is offered you through the medium of Mr. Duchic. I should advise you to write to my friend Mr. W. H. Doan 21 York Chambers, Toronto St. Toronto, who will arrange this matter of Agency for you, and who will, I am sure, do it satisfactorily. In writing him it would be well to send full particulars in regard to the Mimeograph together with such samples of the work which it performs as may be available. If you could also send a sample of the machine it would be well.

Yours truly,

July 7th. 1887.

Samuel Insull Esq.

c-o Edison Machine Works,

Schenectady . N. Y.

My Dear Insull:-

Mr. Edison has given me a memorandum of the payments which he has to make in connection with the New Laboratory during the ensuing few months.

On July the 30th, he has to meet $5,500. Aug. 30th $5,000. Aug. 31st, $5,500. Sept. 17th $4,600. Sept. 30th $1,000. Oct. 10th $5,000. Nov. 10th $2609. These dates are approximate so far as absolute certainty is concerned, and depend upon the provisions of the contract with Builders being fulfilled to the letter; but in financing for the payments it will be necessary to consider them correct. Mr. Edison has about $5,000. and can probably get $5,000. more which will meet the first two payments, but after that I believe he is going to look to you to furnish him with money to the extent of the loan which he made you recently, the amount of which was I think $15,000.00.

Sincerely yours,

July 7th. 1887.

Samuel Insull Esq.

c-o Edison Machine Works,

Schenectady N. Y.

Dear Sir:-

Mr. Edison is advised by Drexel Morgan & Co. that under date of July 1st, his account has been debited as follows:

Interest from Dec. 30th 1886 to June 30th 1887 181 days at 6 per cent on $30,141. 46, balance due on note of Sept. 24th, 1886. $1,060. 70.

I believe that you are keeping an account of this interest as it accumulates. It does not appear on the books of this office at all.

Yours truly,

July 6th.1887.

Charles Francis Stone Esq.

Lowrey, Stone & Auerbach,

18 Broad St.

New York City.

My Dear Mr. Stone:-

I saw Mr. Edison this morning in reference to a settlement of your claim against him in the matter of the Indian &Colonial Electric Light Co. Mr. Edison says that he would like to make this payment in cash just as soon as the Edison Machine Works returns to him the amount which he loaned them, the particulars of which I explained orally to you the other day.

Sincerely yours,

July 7th. 1887.

My Dear Bergmann:-

I have your letter of the 5th instant in reference to the Hammond Typewriter. You had better send one out to me to East Newark, so that I can test its capacity &c., as at present I am too much in the dark regarding its merits to write you the letter you desire. If you will send me a machine I will test it thoroughly and then write what you want.

Yours truly,

S. Bergmann Esq.

292 Avenue D.

New York.

July 12 17

Mr. Holly, Architect
Trinity Building
111 Broadway
N.Y.

Dear Sir:

I have decided to accept Milne & Platts bid for plumbing & 1151.00 xx Will You please notify them. I am informed by several parties that the foundations of these new buildings are not deep enough - not below the frost line, also that the cement being used is of

an inferior quality. I
have taken some to my
laboratory to test.

You are of course
responsible if specifications
are not carried out?

Yours truly,

C. [illegible]

July 12/17

Montgomery Waddell Esq
Columbus Ohio

Dear Sir:

Replying to your letter 21st June I beg to say that I will pay you Three Hundred Dollars Cash for an assignment.

If this is satisfactory please write to me at this address.

Yours truly

E. W. Bassett

July 17/7

C. K. Adams Esq. Pres't.
Cornell University
Ithaca N.Y.

Dear Sir: I have your letter 5th inst. I do not remember Prof. Nichols at Menlo Park but perhaps he could mention some circumstance which would recall him to my memory. I shall be glad to hear from you further and will then reply more fully to your inquiry than I am now able to do.

Yours truly Edison

July 17 7

O. J. Little Esq
Deckertown
N. J.

Dear Sir:

Re your letter 6th inst. My time is so fully occupied that I cannot take up insertions other than my own.

I remember, however, having seen such a device as you mention in operation on a Railway in Canada, about twelve years ago. I do not know that they are used to any extent in this country.

Yours truly
Thos. A. Edison

July 14th 97

New York Syndicate Bureau
No 7 Murray St
New York

Dear Sirs: I have your letter of the 12th and regret to say that at present I am not prepared to write such an article as you desire.

I am building a new Laboratory in Orange N.J. which will be completed in about three months when I will be pleased to meet one of your representatives and furnish him with matter of an interesting nature.

Yours very truly

Thos A Edison

July 10th 79

Jno. Worthington Esq
The Electrical Review
"13 Park Row"
New York

My dear Sir:

Mr. Edison wishes to know if you can send a reporter some evening to his house at Llewellyn Park to write up an article on Converters, transformers &c. which he says will be very interesting to your readers. Mr. Edison will furnish all the cuts required. Kindly let me know what evening will be convenient for you to do this.

Yours truly

July 14th 77

S. C. Houghton Esq.re Secy.
The American Assn. of the Post of Electricians
Produce Exchange Building
New York

Dear Sir:

In reply to your favor of the 1st I beg to say that I am now conducting experiments in Florida on a system of Marine Signals. It will however take me a couple of seasons before I have anything for exhibition, and cannot therefore do myself the pleasure of meeting your Committee at present.

Yours truly

W. A. Edison

July 14th 87

Brown Sharpe & Co
Providence R.I.

Dear Sirs:

I have the inquiry of your Treasurer, under date 13th inst. as to the credit of the Deutsche Edison Gesellschaft, Berlin.
I have no detailed information as to their financial standing, but they do a good business and have ample funds to meet their liabilities. The manufacturing concerns under my control in this country have no hesitation in accepting orders from the Deutsche Edison Company.

Yours truly,

Thos. A. Edison

July 14th 97

Editor "Le Yacht"
Journal de la Marine
"50 Rue Saint-Lazare
Paris, France

Dear Sir:

I am indebted for your courteous offer, contained in your letter 30th June, to publish in your columns anything I may have to say regarding the transmission of messages between ships at Sea.

I am at present experimenting upon such a system, but the time is not quite far enough advanced for me to make any statements for the Press.

Yours truly

Thos. A. Edison

July 18th. 1887.

A. B. Dick Co.

224 Lake St.

Chicago, Ill.

Dear Sirs:-

Mr. Edison has succeeded in his experiments with Parraffine paper, and suggests that you send him some of the paper which youn use so that he can paraffine one side of it and return it to you to see if it is satisfactory.

Yours truly,

July 14th, 1899.

Henry C. [illegible] Esq.

[illegible]

San Antonio, Texas.

Dear Sir:-

In reference to your letter of the 11th instant I beg to say that I am not a believer in the method of which water finders, and I do not know of any scientific process by which the location of water beneath the ground can be determined.

Yours truly,

July 20th. 1887

Henry C. Davis Esq.

President, the Electric Club.

Hotel Van, Union Square.

New York.

My Dear Sir:-

I am indebted for your letter of the 14th instant, supplementing the invitation which I have received from the Electric Club, to be present at their next meeting, Thursday the 21st instant at Brighton Beach Hotel.

I regret accordingly that my engagements will not permit me to take advantage of these courteous invitations, but I hope at some future time to do myself the pleasure of attending some of your meetings.

Yours very truly,

July 20th. 1887.

A. B. Dick Co.

204 Lake St.

Chicago, Ill.

Dear Sirs:-

I have your letter of the 15th instant.

I think I told your Mr. Dick when he was here that a contract had existed between Mr. Edison and the Western Electric people of Chicago in regard to an Electric pen. I am hunting up this contract which I believe has expired, and as soon as I can obtain the information which you wish I will forward it to you. I do not think that I will delay you more than a couple of days longer. At the same time I will send you copy of the Una agreement together with a receipt for the payments which you havemade on account of Mimeograph royalties.

Yours truly,

July 20th. 1887.

Mr. Paul D. Dyer,

Pondo Springs, Cal.

My Dear Dyer:-

Mr. Edison has read your letter of the 11th instant in reference to the mine in which you wish to interest him. He has asked me to say to you that owing to the large expenditures now necessary consequent upon the erection of his new laboratory, every cent of his available money is tied up, and therefore it is impossible for him to enter into the scheme you suggest.

I have sent your letter on to Mr. Insull at Schenectady and he will doubtless address you from there as to his wishes in the matter.

Yours sincerely,

July 20th. 1887.

Messrs Fitch, Fox & Brown.

1427 Pennsylvania Avenue.

Washington D.C.

Gentlemen:-

I have your letter of the 14th instant in reference to certain property which I own in Square 209 Pierce St. between 14th and 15th Streets. I have had several offers for this land each of which has been unsatisfactory. I should be very glad to have you make me a bid for it, and if I consider the price which you offer a fair one, I will sell the land.

Yours truly,

July 20th. 7

My Dear Insull:-

Randolph tells me that your promised him he could have ten days vacation, commencing the end of this month. He has shown me a letter from you this morning in regard to certain work which you wish performed from this office in connection with the laying of tubes in New York City. Of course if Randolph has to attend to this it will be impossible for him to go away. If you desire that he shall take these holidays you will have to send some one from your office to attend to the details of such work as you now require to be done. I can give it a general supervision myself but of course I have not time myself to run around and make payments necessary &c. It is not absolutely necessary that Randolph should go away, but I remind you of what you told him thinking that probably you would wish to make the arrangement which I now suggest.

Yours truly,

Samuel Insull Esq.

c-o Edison Machine Works ,

Schenectady N.Y.

July 21st. 1887.

F. H. Ballard Esq.

50 South St.

Pittsfield, Mass.

Dear Sir:-

I have your letter of the 17th instant.

The subject which you suggest hardly admits of sufficient discussion for the production of a Newspaper article. There is no doubt whatever, that lightening rods are a source of great protection when buildings are properly equipped with them. In doing this it is necessary only to have metal of good conductivity, and a perfect connection with the earth at the bottom of the rod.

If you will refer to a book published by Sir. William Snow Harris, who first introduced lightening rods in the British Navy and Mercantile Marine, you will find this subject discussed at length.

Before the introduction of lightening rods in the British Navy disasters at sea were quite frequent, and the subject of protecting their ships from this element of danger presented itself in a very serious light to the British Naval officers. When Harris proposed equipping these ships with lightening rods, he was almost alone in the belief, that they would afford protection such as was desired. After a great deal of trouble he succeeded in ~~[illegible]~~

having them adopted, since which I don't think there has been a single serious disaster from lightening in the British Navy, which is conclusive proof that Harris's theory was correct. The same applies to buildings or other structures of an inflamable nature erected on land, and when these are properly supplied with a sufficient number of lightening rods dependent upon their size, and the extent of ground covered by them, I believe that they are absolutely safe from all danger.

Yours truly,

July 21st. 1897.

A. B. Dick Co.

:::04 Lake St.

Chicago, Ill.

Dear Sirs:-

I have your letter of the 14th instant, in reference to the Autograph copying process. This is the old Papyograph process which was in vogue in early Electric Pen times. It played itself out for want of merit, and the Autograph Copying Co. are evidently trying to rejuvenate the system.

Mr. Edison considers that this will be a useless task on their part, as it is absolutely no good, and does not believe it worth your while to take any notice of it. He has no patents on the system now, so far as I can learn which would assist you in a legal contest.

Yours truly,

July 21st. 1887.

George H. Gould Esq.

West Lebanon Academy.

West Lebanon, Me.

Dear Sir:-

In reply to your letter of the 18th instant I beg to say that I am making substantial improvements at the present time in connection with my Phonograph, and in the course of a couple of months I will be prepared to put this instrument upon the market improved and at that time will be glad to give you full information in regard to its operation.

The instrument as heretofore constructed would not admit of continuous speech of an hours duration without changing the tin foil on the Cylinder, which of course means an interruption.

Yours truly,

July 21st. 1887.

Messrs E. C. Hazard & Co.

87 Hudson St.

New York.

Gentlemen:-

In reply to your letter of the 16th instant, I beg to say that I have known Mr. Eady a number of years, and as far as I am aware he is an energetic and reliable man.

Yours truly,

July 21st. 1887.

Samuel Insull Esq:

Edison Machine Works,

Schenectady N. Y.

Dear Sir:-

Enclosed please find memorandum of agreement between the Edison Machine Works and the Detroit Company, which I had Mr. Edison sign as President of the Machine Works, pursuant to your request. Mr. Edison asked me to say to you that he did not want any more guarantees of this nature to be entered into ; that he thought the Machine Works should not be asked to guarantee their work beyond the extent of the perfection of the art.

Yours truly,

Yours truly,

July 21st. 1887.

Chas. W. Price Esq.

Electrical Review.

19 Park Row.

New York.

My dear Sir:-

In reference to your letter of the 19th instant, Mr. Edison proposes Saturday afternoon at 2 o'clock as the time, and his ~~place~~ residence as the place for keeping the appointment which he has made with you for the preparation of his article for the Electrical Review and London Engineering.

Yours truly,

July 25th. 1887.

My Dear Insull:-

In reference to the annexed receipt and apropos of my remarks in my letter of even date, regarding Mr. Edisons signature. If you had spent the time wasted in picking imaginary flaws in my method of writing in the inspection of your own correspondence before it left your office this receipt would perhaps have been made out in proper form.

Yours sincerely,

Samuel Insull Esq.,

The Edison Machine Works,

Schenectady N. Y.

July 25th. 1887.

Thomas A. Edison Esq.

Llewellyn Park N. J.

Dear Sir:-

Enclosed I beg to hand you a letter which I have received from Mr. Insull in reference to the manner in which I sign your name to letters.

The signature which Mr. Insull has reference to is as follows:

I also attach a copy of my reply to Mr. Insull.

I should like to know from you if you consider this signature bears any resemblance whatever to your own, or if in your opinion, I have made any effort to imitate your autograph in writing.

As I have stated to Mr. Insull that his letter was dictated before an audience, and he thereby placed it in their power to refer to the contents of his letter to me in such manner as they might choose.

I consider that this is carrying the friendly war of business relations a little too far, and thoughtlessness in regard to the probable result of such a statement as Mr. Insull makes is hardly a sufficient excuse to justify him.

Yours sincerely,

July 25th. 1887.

My Dear Insull:

I have your letter of the 22nd instant in reference to Mr. Edison's signature.

I think that you ought to be a little more careful in writing me letters of this nature. In the first place I deny absolutely that I made any attempt to imitate Mr. Edisons signature or that his name as I wrote it bore any resemblance to his autograph. It bears about as much resemblance to it as a landscape painting does to the Statue of Liberty; they are both works of art, but nothing further can be said in regard to them.

I have no doubt that when you wrote this letter you had an audience before whom you wished to display your powers of dictation and criticissm, and while I have no objection whatever to your posing as my censor for your own gratification, I think you should select an issue of a less serious nature than that which you manufactured when writing your letter under reply. I believe that you are the last person in the world who would intentionally do me a personal injury, but you ought to remember that an affair of this kind can be very easily be distorted and refelcted in an entirely different light from that in which you yourself intend to put it. I shall bring the matter before Mr. Edison myself, as

I do not care to have it retailed to him by a third party in the shape of gossip, and such construction placed upon your remarks as in the opinion of such third party may heighten their effect.

Were it not that I know you did this on the spur of the moment, and without thinking at all of the possible consequences, I should certainly treat it very much more seriously than I intend doing.

Yours sincerely,

Samuel Insull Esq.

The Edison Machine Works,

Schenectady N.Y.

July 20th. 1880.

Harlan H. Ballard Esq.

50 So. St. Pittsfield, Mass.,

My Dear Mr. Ballard:-

In reply to your letter of the 22nd instant, I regret that at the moment I cannot find time to write the article which you desire. I have however, no objections to your publishing my former letter if it will render you any service.

Yours truly,

July 29th. 1887.

A. E. Dick Co.

344 Lake St.

Chicago, Ill.

Dear Sirs:-

In reference to your letter of the 23rd instant regarding the Graphfone, I beg to say that the manufacturers of this instrument are simply endeavoring to trade upon the reputation which Mr. Edison gained by the invention of his Phonograph. You will observe that the have simply turned the name "Phonograph" around in order to arrive at "Graphfone". Mr. Edison is at work now upon his Phonograph, and in a very short time will place upon the market an instrument which will by far excel the infringment above referred to. As soon as it is completed, I will advise you and we can doubtless make some arrangement for you to handle it in the West.

Yours truly,

July 29th. 1887.

Messrs Noll Brothers,

66 Fifth Avenue.

New York.

Dear Sirs:-

In reference to your letter of the 23rd instant, I beg to say that I do not wish you to place Mr. Sullivan's friend as a favor to myself. I am indebted for yourkind offer to do so, but my intention was to mention the young mans name on the chance of your requiring such service as he could render you. I am indebted for your offer but do not wish you to increase your force unnecessarily on my account.

Yours truly,

July 29th. 1887.

Charles F. Stone Esq.

c-o Lowrey, Stone & Auerbach,

15 Broad St.

New York.

My Dear Sir:-

In reference to your letter of the 28th instant, I beg to say that I saw Mr. Edison yesterday, and he regrets that an error was made in the division of the bonus from the Indian & Colonial Co. It has tied the money up temporarily, but immediately it is released Mr. Edison will pay you the full amount of his indebtedness, until which time he begs to ask your kind forbearance.

I will advise you at the earliest possible moment as to when this money will be ready for payment to you.

Yours truly,

Aug. 13th. 1917.

Colin T. Anderson Esq.

c-o Turner Leyland & Co.

New York.

Dear Sir:-

I have your letter of the 1st inst. in reference to a map showing areas. I do not think any of these maps would suit my purpose, and have decided that the method which I employ is the best. It does not take two hours to create a square as you state, but only one hour, and I believe that I can obtain as much work from my men as from any in the world.

Yours truly,

Apr. 8th. 1897.

C. F. Ahlstrom Esq.

Engineering Dep't. Chicago, St. Paul & Kansas City, Ry.

Afton, Iowa.

Dear Sir:-

In reply to your letter of 6th inst I would say that I believe a good practical Chain Pavil could be made to work on the Anderson plan. I will consider upon it and communicate with you further in the course of a couple of months.

Yours truly,

April 15th. 1897.

A. B. Dick Co.

124 Fulton St.

Chicago, Ill.

Dear Sirs:-

I enclose herewith six sheets of paper which Mr. Edison has partitioned.

Will you kindly let me know if they fill the bill. Should they prove satisfactory, I will have us machine which performs the work or a model of it sent to you.

Yours truly,

Aug. 9th. 1887.

A. E. Dick Co.

Lake St.

Chicago, Ill.

Dear Sirs:-

I have your letter of the 26th of July in reference to the Ark battery which you have seen.

I should like to know a little more about the battery which you speak of. Do you know what life it has, and what the cost is, both for investment and maintenance?

My battery is working alone all right, but the parties handling it are very slow. I will write you about it just as soon as I am in a position to place it on the market.

Yours truly,

Aug. 11th. 1897.

A. B. Dick Co.

Van Buren St.

Chicago, Ill.

Dear Sirs:-

I have not replied directly to your letter of June 29th, in regard to the Electric Pen patent, but nevertheless during this, I have had a looking into the matter with Mr. Woodward, and he tells me that he has written you to the effect that the patent is open, and I am now awaiting a letter from you stating in what way and to what extent you desire to acquire rights under this patent.

Yours truly,

Aug. 9th. 1887.

The Edison Machine Works,

Schenectady N. Y.

Dear Sirs:-

In reference to your letter of July 26th, I beg to say that I have arranged with Mr. Edison for the purchase of the Chalk Press, belonging to him which is now at your works in Schenectady. If you desire it I will obtain an order from Mr. Edison addressed to yourselves for the delivery of the press to me. I do not wish it shipped at the moment, but will advise you later.

Yours truly,

Aug. 9th. 1887.

W. Preson Hicks Esq.

c-o Edison Electric Light Co.

16 Broad St.

New York.

My Dear Hicks:-

In reply to your letter of the 27th of July, I beg to say that I would be glad to ~~have~~ Col. Chailac introduced to my friend Dr. Frazer, the Corean Counsel whose office is in New York. Dr. Frazer is interested in lighting in Corea, and has handled considerable business for us, and it might be mutually advantageous if these gentlemen were to meet each other. You can arrange this matter with Dr. Yato.

Yours truly,

Aug. 9th. 1857.

My Dear Insull:-

I have your letter of the 6th instant in reference to the paper which you promised to deliver to Chapman.

I met Batchelor this morning (Monday) at the office of the United Company, and we found their affairs in such condition that we could not ask them to advance you the $5,000.00 which you wanted to make up the amount of the note you desire to obtain. Borrowman had just rendered them a bill for $10,000. and requested a note for it to-day, and as every item of the bill was new to the officers of the United Company matters were in a state of confusion so we simply took a note for the amount which stood on their books in your favor, viz, $5,000.00. This I delivered to Chapman, explaining to him that you had been mistaken as to the amount of paper which you could obtain by to-day. He said it was all right but that he would like to get some more of it, and I told him it was possible that we could give him $5,000. more this week. He would like to have this by Friday at latest. If you can hurry forward your shipment and bills so as to get them vouchered, I will obtain the paper and deliver it to Chapman for you. You will receive the proceeds of the note now in his hands the day after to-morrow, in accordance with my telegram. I am holding the voucher for signature when you come to town.

Yours truly,

Samuel Insull Esq.,

Aug 1847

C. E. Chinnock Esq
66 Chatham Sq
New York

My dear Chinnock:

We need time & you want one of us. then I think it would be more courteous to consult us first. We must work to carry the words of speaking in mind & have them taken away without [illegible]

Aug 19th 7

Samh. Insull Esq
Schenectady N. Y.

Dear Sir

Refering to your favor of the 18th inst I beg to state that your letter of the 12th inst has been attended to and my reasons for not ~~not~~ to write sooner attending are that when I returned from my Vacation Mr Edison had some work which he wished me to attend to immediately which took at least four or five days, and your letter was not received until Saturday and you are aware I could do nothing with it on that day as I had to go to 37th Street and pay your men off and then I had to make up a Statement of Liabilities which took quite some time and then I had to wait and see Mr Tate in regard to Hall Brothers account which was not on my Books as it belonged to Mr Edisons house at Orange.

In your letter you ask if the Statement includes the liabilities on the Florida Books.

You will notice on the bottom of the statement a memorandum which I made saying this includes the Liabilities of the Florida Books.

The Bill Payable consists of a note given Messrs Bergmann and Co for $ 167.50 due Sept 5th 1887 and one given to Mr E.O. Bullard for $ 1429.12 due Oct 4th 1887

close you herewith a check for Mrs Adams account which please mail her direct-
When I went on my Vacation Mr Yates promised to send her a check and since I returned I spoke to him about it and he said he would send her a check but when he came in this morning he had not attended to it
We owe Mr Batchelor $ 200. but have no money to pay him

Yours truly
John F. Randolph

Aug 19/ 7

Sam'l E. Russell Esq
Schenectady
N.Y.

Dear Sir:

I find that between here and the Lamp Factory the amount of correspondence I have to attend to is so great that it is absolutely impossible for me to attend to it with my own hands, in consequence of which very annoying delays are not infrequent. So far as available

I have used Tomlinson's
man but I cannot
always employ him at
the right moment.

On behalf of the Lamp
Company I have decided to
engage a stenographer whom
I shall also use in this
office. As soon as I am
successful in finding a
man your correspondence
will be attended to with
that degree of promptness
which you have expect

but, unfortunately, very
seldom receive.

I don't suppose you
can suggest anyone?

Aug 19/7

A. Brotherhood Esq
111 Liberty St
New York

Dear Sir: I have your note by hand of Mr. Edwards Flash. I have just received the magic from Florida and commenced to permeating with it again.

If however you desire me to deliver it to Mr. Flash I will do so and purchase a new one for my own use.

Yours very truly
Thos. A. Edison

Aug 30th 7

Mr Edward H. Johnson
President Edison Electric Light Co
16 Broad Street, New York

Dear Sir

The profession of Consulting Electrical Engineer seem to be growing rapidly, I am in receipt of a note from Mr W. North Robins, of Indianapolis, who seems to be desirous of posting himself on certain points that he mentions

Yours truly

Aug 30th 7

Edwin J. Houston
Professor of Physics
1521 Mt Vernon Street
Philadelphia Penn.a

Dear Sir:

In reference to your letter of the 12th instant, I think it is quite possible that between the date you mention I may be able to give you a paper on my Pyro-Magnetic Motor.

It would be impracticable for me to comply with your request to deliver a lecture in person, as my time for the next few months will be fully occupied in connection with my new laboratory

Yours truly

August 30th, 7

Mr. Samuel Insull,

Secretary & Treas. of The Edison Machine Works,

Schenectady, New York.

Dear Sir:

Have you sent a check to H. Andrew Holly, No. 111 Broadway, New York ? for $945.42 ? This gentleman is Mr. Edison's late Architect, and the amount mentioned is due him for services rendered up to the time of his having ceased to be connected with the work.

In the office here there is $250. due for rent, which ought to be paid. I am advancing from the Lamp Factory, from time to time, certain small amounts which seem to me to be hardly worth troubling you about, and am charging them against Mr. Edison's account. If you wish it, I can pay this amount, $250. for rent, but I do not care to make the payment without first consulting you.

When you were here on Sunday last, did you have a talk with Mr. Edison in regard to finances in connection with his Laboratory ? It look to me as though he was going to require a good deal more money than was at first anticipated.

Yours truly,

Sept. 12, 7.

A. B. Dick, Esq.,

264 Lake Street,

C h i c a g o , Ills.

My Dear Sir:-

I was sorry not to have seen you again before you left New York. In regard to Phonograph, I will advise you just as soon as Mr. Edison is ready to place the instrument on the market. No definite action has been taken in regard to United Company as yet. Something will probably come up at our next meeting which will decide the matter one way or the other and I will advise you of the result. I have a letter from my friend Dean, of Toronto, this morning, in which he states he has received a letter from you addressed to myself. I presume you are under the impression that I had gone to Canada, but my trip has been delayed and I cannot get away for three weeks yet. I have asked Dean to send your letter on to me here.

Yours truly,

A. G. Gate

Sept. 12th, 7.

The Globe Machine Co.,
35 Broadway,
City.

G e n t l e m e n :-

In reference to your inquiry of the 20th ult. I am at present engaged in improving my Phonograph so as to increase its commercial value. The machine as formerly constructed is made by Messrs. Birdman & Co., No. 242 Avenue B., New York, from whom you can procure one if you do not wish to wait a month or two for the improved instrument above referred to.

In regard to the Electric Pen, I have not one at hand at the moment with which I could supply you, but if you are in a hurry for a reduplicating apparatus to send to your friends in South America, I would suggest that you inspect my Mimeograph, which can be seen in operation at No. 10 Dey Street. This is the most recent improvement in the way of reduplicating machines, and it is possible that it might suit you better than the Electric Pen. At the address above indicated you will be furnished with all information in regard to prices &c.

Yours truly,

T.A.E.

Sept. 12, 7.

Robert Grimshaw, Esq.,
President, American Institute,
New York.

Dear Sir:-

In reference to your letter of the 12th of August asking me to furnish a paper on some industrial topic, I would say that at present my time is too fully occupied with the erection of my new Laboratory to comply with your request. In the course of a few months I may be able to do something of this kind.

Yours truly,

T.A.E.

Sept. 12, 1887.

Prof. Edwin J. Houston,

P h i l a d e l p h i a ,

Pa.

Dear Sir:-

In reference to your letter of the 2d instant, I cannot at the moment name a day upon which the paper I referred to can be completed. It will depend altogether upon how work on my new laboratory progresses during the next month or two. If I can find time to contribute this paper I will be happy to do so, but it is contingent upon the completion of my new buildings, as until they are finished my time will be wholly taken up with work connected with them.

Yours truly,

T. A. E.

Sept. 12, 7.

Mr. A. D. Inman,

Marietta,

Ga.

D e a r S i r :-

I have your inquiry of the 31st ult. My Phonograph will repeat words so as to be understood, and I have a number of patents on the invention. At present I am engaged in improving the machine so as to increase its usefulness.

Yours truly,

T. A. E.

Sept. 12, 7.

Mr. H. Knickerbocker,

L a w t o y ,

Fla.

D e a r S i r :-

In reference to your letter of August 15th, you can use any portion of the current which you may desire for the induction coil that you desire to insert in the incandescent electric light.

Yours truly,

T.A.E.

with the same.

Yours truly,

Sept. 12, 1887.

W. H. Wahl, Esq.,
Chairman, Lecture Committee, Franklin Institute,
P h i l a d e l p h i a , Pa.

My Dear Sir:-

I have your letter of the 3d of Sept., and am also in receipt of a communication from Prof. Houston, who asks me to name a day when the paper I referred to in a previous letter will be completed. I have replied to Prof. Houston to the effect that if I can find time to complete such a paper I shall be very happy to send it forward, but that the writing of same will depend upon my new laboratory being finished during the next month or two. Until this latter work is perfected my time will be wholly occupied with the same.

Yours truly,

T.99
T

New York, Sept. 14, 1887.

Mr. Jno. Clark,

Cano, Ritchie Co., W. Va.

Dear Sir:-

I have your letter of the 26th of August. The principle which I employ is not thermo-electric. The apparatus is based upon the heating and cooling of iron to increase and diminish its magnetism.

Yours truly,

T. A. E.

New York, Sept. 14, 1887.

W. E. Connor, Esq.,

71 Broadway,

City.

My Dear Sir:-

In reference to your letter of the 1st inst. Mr. Edison asks me to say that he will be pleased to have the Duke of Marlborough visit his Laboratory at any time convenient to the latter. At present Mr. Edison's experimental work is being conducted at his factory in Harrison, N. J., as his new Laboratory in Orange is not yet completed. If you desire to make an appointment you can name any day either this or next week, excepting Saturday.

Yours truly,

New York, Sept. 14, 1887.

Geo. H. Robie, Esq.,
"The Climatologist,"
611 No. Calvert St., Baltimore, Md.

Dear Sir:-

I am in receipt of your note without date in regard to contributions for your journal. I am erecting a new Laboratory at Orange, N. J., and for the next few months my time will be wholly taken up with the work of getting it in running order. After that, however, I may be able to avail myself of your suggestion.

Yours truly,

John

New York, Sept. 14, 1887.

D. A. Russell, Esq.,

Cason, Morris Co., Texas.

Dear Sir:-

I am in receipt of your letter of the 25th of August asking for prices on Clock Phonograph. I will be ready to supply these in three or four months, and would suggest that you communicate with me again at the end of that time.

Yours truly,

J. A. G.

New York, Sept. 14, 1887.

Mrs. J. B. Smith,

1065 St. Mark's Ave.,

Brooklyn, N. Y.

Dear Madam:-

In reply to your letter of the 12th inst. I beg to say that I am not the Inventor of the disinfectant you refer to. I believe it was invented by Dr Edson, of the N. Y. Board of Health. You might communicate with him, or if you simply require bromine water, you can obtain it from any druggist.

Yours truly,

J. C. E.

New York, Sept. 15, 1887.

A. D. Elbers, Esq.,

172 Hudson St.,

Hoboken, N. J.

Dear Sir:-

I am in receipt of your letter ofthe 13th inst enclosing copy of a paper written by yourself on the manufacture of refined slag. I should be glad to have you send me a few samples of porous cells, which I require for experimental purposes in my Laboratory. You can number these so that I can refer intelligently to whichever one gives the best result.

Yours truly

JAE

October 22, 87.

Sir George Campbell,
Windsor Hotel,
N. Y. City.

D e a r S i r :-

Mr. Edison has not been well for two or three days. As soon as he returns to work I will present your card to him.

Yours respectfully,
J. M.
Stenographer.

October 10, 1917

Mr. A. B. Dick,
1544 Duke Street,
Chicago, Ill.

Dear Sir:-

I am in receipt of your letter of the 9th inst., enclosing a clipping from one of your ads in which reference to Dolph. We generally try and approve the credit cards of the dealers here, but unless we find it very difficult to get in touch with the parties we refer them to you.

I wrote a letter for you to Mr. Wilson under date of Oct. 1st, in reference to draft which you sent him for $11.10, in all for balance due on Royalty account to Oct. 1st. I have been very busy, and you should have had an earlier acknowledgment of the receipt of the above draft. I send you the news today, and congratulate you upon the success which you have made and are making of the Mimeograph. I have seen some samples of work performed by your new type-writer attachment, and they are excellent.

Yours truly,

A. O. T.

October 16, [illegible]

Mr. A. R. Dick,
[illegible] Lake St.,
Chicago, Ills.

Dear Sir:-

For reasons mentioned in previous letter of more date, I have been unable to reply to yours of the 10th inst. until to-night. I have talked to Mr. Edison in reference to your idea of establishing a Novelty Co., to be located Brooklyn, N. Y. and Chicago, and to handle the manufacture and sale of some of Mr. Edison's inventions on a basis to please to your mind. It is Mr. Edison's intention to place on the market a number of his inventions, but he would prefer that they should be more developed in a manner similar to your method of handling the Mimeograph, rather than that a Company should be formed, as you propose in your letter under reply. Mr. Edison has not been able to go very extensively into those novelties, owing to the very interested quarters in which he is now working. When he gets into his new Laboratory he will turn out a number of good things and will without doubt call upon you to place them on the market.

Yours truly,

A. O. T.

October 15, 7

A. N. Nick Company,
224 Lake Street,
Chicago, Ills.

Gentlemen:-

I beg to acknowledge with thanks receipt of your letter of the 1st instant, enclosing V. V. vouchers for $241.15, in full for balance due on invoice account to date Oct 1st, the total count of which Royalties was $241.1 , one hundred dollars having been paid for by you on March 16th last.

Yours truly,

J. N. S.

October 17, 7.

Charles Francis Stone, Esq.,
New York City.

Dear Sir:-

Enclosed I beg to hand you a note of the Edison Machine Works, payable to Thos. A. Edison, and endorsed to your order, $2,022.55, under date October 14th, maturing four months thereafter, as explained to you by telephone this afternoon. The balance of this account will be adjusted without delay.

Yours truly,

(Signed) A. O. K.

October 1[illegible], 7.

His Grace, The Duke of Marlborough,
Brevoort House,
New York city.

My Dear Sir:-

I have received your note of the 15th instant.

The Converters which you speak of are not in use any here, as yet, but as soon as I get into my new Laboratory, which will be about the 10th of November, I am going to build several of them and operate them in connection with an electric railroad at Orange. If at that time you are in America, I should be very glad to have you come over and see these machines in operation, and also inspect my Laboratory.

Believing it may interest you to see our Central Station at Pearl st., New York, I take pleasure in enclosing a note to the Sup't., who will give you any information you may desire.

Yours truly,

(Signed) Thos. A. Edison

October 18, 1887.

Superintendent,
Edison Electric Illuminating Co.,
257 Pearl St., New York.

Dear Sir:-

The Duke of Marlborough desires to inspect your Station, and I shall be glad if you will show him through the same, and give him any information which he may desire in connection with our System of distribution.

Yours truly,

(Signed) Thos. A. Edison

Copy.

New York, Oct. 5, 1887.

Am. Institute of the City of N. Y.,
Clinton Hall, 8th St., Near B'way.,
New York City.-

Gentlemen:-

In reference to your letter of Sept. 19th stating that space is ready for my immediate occupation at your Exhibition building, I regret to say it will be altogether impracticable for me to utilize space thus set apart, as I cannot get my exhibit in shape early enough to be available for your Exhibition.

Yours truly,

(Signed) Thos. A. Edison.
T.

October 7, 1887.

Charles Francis Stone, Esq.,
15 Broad St. (Wells Bdg.),
New York City.

Dear Sir:-

In reference to your letter of 3rd instant to Mr. Edison, I beg to say that I had not neglected the matter of your share in the final distribution on account of the Edison Indian-Colonial Co.; also your share in the former distribution. When last passed, as you can well understand, was wholly unexpected, and Messrs. Drexel, Morgan & Co. credited the amount to Mr. Edison's loan on account of Machine Works, in the same manner as they credited the former. I have arranged with the Edison Machine Works to give you their note for $2,000, and have to-day written Mr. Insull to find out if he will include in this note the $24.85 due you on final distribution. I will hear from him in a day or so. It is possible that I may see him personally to-morrow, when I will arrange the matter without further correspondence.

Yours truly,

(Signed) A. O. Tate.

Oct. 1, 7

Compagnie Continentale Edison,
P a r i s ,
France.

G e n t l e m e n :-

In reply to your letter of September 20th I beg to say I am conducting experiments in connection with my Pyro-Magnetic Generator, but am not quite prepared to negotiate with you for the use of the machine. I may be able to make some arrangement in the course of the next six months.

Yours truly,

(Signed) Thos. A. Edison,
T.

Oct. 15, 97.

W. H. Sommer, Esq.,
71 Broadway,
New York City.

Dear Sir:-

In reply to your letter of the 9th inst., I beg to say that I will be very happy to rent the use of Northborough of the Putnam Trap Rockers, East Orange, N. J., any time on thirty days notice, i. e. not more than thirty days.

Yours truly,

T. A. E.

Nov. 4, 87.

My Dear Benton:-

Your note of Oct. 11th to Mr. Edison in regard to estimates for the Thakor Sahib, of Morvi, has remained unanswered owing to my absence in Canada.

I believe the territory properly belongs to the Indian and Colonial Company, but it would take so long to get any definite information from them that probably the best thing you can do is to sell the dynamos at United M'f'g. Co's list prices, and trust to the future for a settlement with those whose territory we invade.

Yours truly,

A. O. T

November 4, 7

Stansbury Morse, Esq.,
247 West 128th Street,
New York.

Dear Sir:-

I am in receipt of your letter of Oct. 21st, in reference to your duplicating press, and enclosing a letter from myself under date of Oct. 1st, 1880, endorsing the above as a good thing.

My patent on the reduplicating process in question is now controlled by the A. B. Dick Co., 224 Lake Street, Chicago, to whom I have referred your communication. I would suggest that you write to them, explaining exactly what you desire to accomplish. They have been very successful in merchandising the Edison Mimeograph (by which name my invention is now known), and you will find them ready to listen to any suggestions bearing upon improvements or extended use.

Yours truly,

T. A. E.

November 4, 1887.

Chas. Francis Stone, Esq.,
16 Broad Street,
City.

Dear Sir:-

In reference to your note of Oct. 28th, asking me what progress I have made with Colonial matter, I beg to say that I have just returned from Canada and find a letter from Mr. Insull, asking me about certain legal expenses which Mr. Edison incurred on your account and which are to be deducted from the amount at present standing to your credit. I replied to Mr. Insull last night, and I believe a settlement will be made immediately in the manner already arranged for.

Yours truly,

A. O. C.

November 4, 87

Col. George E. Gouraud,
Little Berlo, Upper Norwood,
Surrey, England.

Dear Sir:-

I am in receipt of a letter from my patent attorneys, Messrs. Dyer & Seely, under date of October 31st, 87, stating that they have reports as to all European countries, except Spain, as to the telephone patent, including the phonograph, and that it appears to be still in force in Belgium, France, Germany, Italy, Russia and Norway.

Yours truly,

T. A. E.

Lenox, Mass. Nov. 4, 1897.

Mrs. H. H. Robinson,
10 Stirling St.,
Watertown, N. Y.

Dear Madam:-

In reference to your note of Oct. 30th I beg to say that the person who is endeavoring to merchandise waterproof garments in your town upon the statement that they embody an invention of mine is making an unauthorized use of my name. I know nothing whatever about the garments in question, and I am indebted to you for having given me an opportunity to deny my connection with them in any way whatsoever.

Yours truly,

H. H. R.

New York

Jackson Wallace Esqre
Canadian Club
17 East 29th St
N.Y.

Dear Sir:

Enclosed I beg to hand you check for $12.50 in payment of Mr Edison's dues for half year ending March 31st/88 as per annexed notice

Yours truly

Private Secy

Dec 31 7

Chas. O. Price Esq Sec'y
The Elec Club
Hotel Dam
Union Square
City

Dear Sir:

Inclosed I beg to hand you Mr. Edison's check for Five Hundred Dollars ($500.) in payment of his subscription to your Mortgage

Yours truly

Thos A Edison

Private Secy

Jan 9th 8

Thos. Tomlinson Esq
Newark

Dear Sir: I enclose herewith my agreement with the Gold & Stock Telegraph Co. in relation to Canadian patents on Telephone. I am informed by the Gold & Stock Co that the agreement as to royalties has expired. Will you kindly look into the matter and advise me as early as possible as to the status of these contracts.

Yours truly,

Thos. A. Edison

4 Enclosures
Rope & Ashley to Edison Sept 15/1870
Edison Oct 15/78
Edison Jan 21/79
G. & S. Co (Assignment) Jan 31/79

Aug 20/ 8

Dear Mr Edison: I enclose herewith copy of letter from Gouraud to Dyer & Seely dated 7th inst. and a copy of Dyers letter to myself. The "two previous cases" which Gouraud speaks of, and in connection with which he has applied for short term patents, were Nos 84 and 85.

There have been two more cases forwarded to him since then - No 86 and No. 87 -

Case No. 86 covers the improvements you made concerning diaphragms, method of recording, sharpening one end of the wave, phonograms &c and Case 87 - Embodies your improvements in the Mechanism of the phonograph itself.

On the 23rd of November 1887

#W

1887
Dyer wrote Gouraud stating that
you desired him (Gouraud) not
to apply for patents in short
term countries (you understand
that in such countries the date
of the application is the date of
the patent) unless he had received
advice that patents on the same
cases had been issued here, or that
such cases were in such shape
that the U.S. patent would not
be affected by foreign patents.
Again on the 22nd day of
March 1888 Dyer repeated these
instructions to Gouraud in
another letter.
In your contract with
Col. Gouraud covering foreign
Countries you agree to furnish

×3

furnish
him with * such data, information
* and drawings as may be necessary
* to enable the said Goward to apply
* for and obtain in the name of the
said Edison × × × × Letters Patent × ×
in each and every the countries aforesaid ××

Provided However
* That the said Edison shall not be
* called upon to do any thing which
* will prevent either the obtaining
* of Letters Patent upon such invention
* or improvements in the United States
* or shorten the life of any such
* patents when obtained.*

Goward has read this agreement
over and over again, and when
he was here not only yourself
but Mr Dyer also informed
him verbally that he was not
to apply for patents in short terms

#4

Countries. In view of all these facts
I sent today the following cablegram
to "Howard Morewood

"Surprised and greatly annoyed
"to learn you have taken patents
"on cases Eighty four and
"Eighty five in Short term
"Countries in direct violation
"of my instructions to you
"personally and through Dyer.
"I forbid absolutely a
"repetition in connection
"with cases Eighty six and
"Eighty seven ——— Edison"

I have also written
Col and Howard and Enclose

No 3

Enclose
a copy of the letter. I have considered it necessary that Seward should get this letter ~~as~~ as quickly as possible; otherwise I would have awaited Your return So You could have signed it Yourself.

I will make no comments on this matter, as after reading the Correspondence You will doubtless have enough strength left to make a few comments Yourself. Dyer says that Cases 84 and 85 (the first two) are not so very important but 86 and 87 are of the utmost importance.

Enclosure

Allen W.

Aug 26th 8

Col. Thos. E. Gourraud,
Little Heath, Highgate Wood,
Surrey, England.

Dear Sir:

I believe Dyer and Seely have referred to me your letter under date 7th inst. in which you state that you fail to understand the object of your not applying for patents in short term countries in connection with phonographic improvements, and stating furthermore that you had made applications for patents in short term countries in the matter of cases 84 and 86.

In reply to this letter I would say that there are several reasons why you should not make such applications the object of which will appear later on.

The first reason was contained in a letter dated November 23rd 1887 to Col. Dyer in which he told you that I had asked him to say

say [illegible]
Coppidith[illegible] I do not wish you to apply for
these Double Barn patents.
The second reason you will find in a letter
which is doubtless in your files at the Treasury
written by Mr Dyer, and representing
in substance the instructions contained in his
letter of the 23rd of November, the former being
dated March 22nd 1808.
The third reason is the various conversations
which you had with myself and Mr Dyer
on this subject when you were last in
America, and the fourth reason I find
embodied in your proposed contract relating
to foreign Countries, the first provision of
which reads as follows:-
"The Said Edward Bridson further agrees that he
will during the existence of this contract, duly
attend to all further instructions or improvements

improvements

" are made abroad, before the said Petitioner
" to the said Petitioner such information
" and drawings, as may be necessary to enable
" the said Petitioner to apply for and obtain
" Letters Patent for the same and every
" thereof as aforesaid

" Provided however, that the said Petitioner shall
" not be called upon to do anything which
" will prevent either the obtaining of
" Letters Patent upon such inventions or
" improvements in the United States, or
" shorten the life of any such patents
" when obtained "

You are sufficiently well versed in patent affairs to know that in the case of short term patents the date which controls is the date of application, and consequently if you apply for a short

short
term patents before any United States patents
in the same connection have been issued,
upon thereby limiting the lives of any U.S.
patents, and rendering them valid only so
long as the short term patent is in force.

In the matter of Cases 84 and 85 you
have displayed an utter and selfish
disregard for interests of mine which you
must have known were of more value to
me than the short grants which you
have obtained in obscure Countries.

In addition to this you have acted in direct
opposition to my expressed wishes, and
have furthermore violated the very first
provision of a recorded agreement which
you proposed entering into with me.

As my instructions to you in this
connection were made so repeatedly

repeatedly,
not only by letter, but orally, by myself and
through Mr Dyer, and as I also considered
the matter of sufficient importance to
provide for it in my proposed contract
agreement with you, it is difficult for
me to understand just in what way
I can place my views before you, or
express my wishes to you so as to ensure
a proper recognition of them on your
part. I called you today expressing
briefly my feelings as to your action in
the matter of cases 84 and 85, and I
endeavored to express myself in relation to
cases 86 and 87 in a way that would admit
of but one interpretation.

Yours truly,

Thomas A Edison

Aug 21 8

My dear Mr Edison: I sent you last night my final draft of letter to Forward re patent matters. I send you now the final draft wherein instead of referring to his "Contract" with you I refer to his "proposed Contract". Forward's agreements have not been executed and are yet subject to such change as you see fit to make in them. I did not think it politic to say that in the letter to him — he will infer enough from the manner in which his agreement is referred to.

I think this correspondence should be followed up and Forward should be given to understand that you are the master and

your instructions must be respected.

He thinks to deafen you with the noise of his London sideshows while he keeps quietly at work securing his own territory in an unscrupulous and thoroughly selfish manner.

His policy is not to reply to such letters as the one I am sending now— we never received even an acknowledgement of the other letter we sent him about his methods of advertising You in Prince's style— They have the effect only of causing him to conceal what he is doing— He wishes to avoid open discussion. This should not be permitted.

c Aug 31/ 8

Thomas A Edison
Care Lewis Miller
Akron Ohio

Gouraud's cable misleading as he refers only to effect of short term patents on long term foreign patents ignoring ~~their~~ effect of former on United States patents. He has not made short term applications in connection with two last important

while do nothing further
until I hear from
you. mailed you last
night final draft of
letter to Jouaud which
contains some alterations.
advise me a day or two
before you retire so I
can control correspondence
[illegible] Th. A. & O. Tater
[illegible]

Thomas A. Edison / Care Seminole Hotel
Orlando Florida

Have received the following from
You and Complete misunderstanding
No recollection personal request
That am assumed no harm done
and certainly no idea deviating
from your wishes and best
interests No step to them except
advised by highest authorities
regardless expense who advised
No prejudice resulted to long
terms when short terms
applied for subsequently
Of course supposed you wanted
widest protection possible
without prejudice. Pending

your convenience new cases
Long terms only applied
hurry powers - will next
Machines arrive in time for
British Association fifth ult.
Very important great gathering.
Before naming daily number
required would like to know
probable cost or Maximum
Do you cable this - better use
a code saying whose.

A. V. Tate

Chicago, Ill. [illegible]

Editor New York Herald

Dear Sir: I have had the honor of being selected by your valuable journal to procure a letter from one of your correspondents who desires to receive where all the electric power comes from that runs our modern electric lights and who asks further if anyone is drawing his supply from some grand reservoir.

You can very easily obtain the information [illegible] required by sending one of

Your reporters drove stairs
to your Electric Light Department to interview the coal
pile. The sun shining several
thousand years ago on rank
vegetation stored up the
energy which now illuminates
the brownie of the New York
Herald. As to the gentleman's
second question I believe
that the greatest electric
reservoir in this country
is largely a private affair
owned by the Reading Rail-
Road. Yours sincerely

Thos. A. Edison

Sep 8

Received of Lesse & Lippincott the sum of Three Hundred & Seventy Five Thousand Dollars ($375 000 00/xx) in full settlement of all claims under my agreements with the said Lippincotts, dated the 28th day of June 1858 and relating to the sale of the Lippincott Work of the Baltimore Passenger Company

Oct 8th 80

James Mc Allon Esq
Closepet Mysore
India

Dear Sir:

Mr Edison has received the small basket of "Tirane paper wood" which you sent as a curiosity. He thinks he may be able to make some practical use of this material and would like you to send him say 20 or thirty pounds of it — a good large bundle.

I have complied with your request as to reducing the allowance made your family.

Yours very truly

W. K. L. Dickson

Oct 13/ 8

Chas: Batchelor Esq
Edison Phono Wks

Dear Sir: From a statement rendered me of bills owing by the Phonograph Works I see that about $5000. worth of material has been ordered for the first lot of phonographs which are to be put through the factory.

Has any arrangement been made with these different persons for time in connection with

payments, or has the material been bought for cash. In order that you may be informed on the subject I will say that we have only $30,000 stored in our Treasury; our Pay Roll is (abt) $2500. per week and on 1st Nov. Yes to the extent of $25000. will mature, $16000 of which amt. is due now. If we can actually start out phonographically the 1st of November, and if our purchases are

made on time - settlement by
three months note - our
present funds will be
sufficient.

Yours truly

Jas.

Nov 16th 8

To the American Phonographic
Association per Secretary
No 160 Broadway
New York

Gentlemen:

We beg to acknowledge
receipt of your letter 15th inst
ordering from us fifty
(50) phonographs per day
for six months after we make
the first delivery from our
Works, and the same has
been received.

Yours truly

Treasurer

Oct 16/ 8

Major S.B. Eaton
No 120 Broadway
New York

Dear Sir: I enclose herewith draft of a proposed agreement between Mr Edison and Franck T. Maguire with relation to the Phonograph in China and Japan, which Mr Edison would like you to examine and have redrawn.
As I drew the agreement myself it will necessarily require considerable pruning, but I think it will convey a fairly intelligent idea of the relations Mr Edison

desires to establish with Maguire. I shall be glad to receive a revised copy from you as soon as you can give the matter attention

Yours truly

Wm. Fowler Jr.

Oct 16/ 8

Mr. Latting Esq Supt 2d
Lehigh valley RR
Bethlehem Pa

Dear Sir: Mr Logue has sent me your letter to him under date 12th inst in re Condenser. The one sent you is a Marshall condenser and is guaranteed for a year by the makers against lightning. However if you prefer having an arrester I would advise you to have it attached to the Marshall condenser, rather than to exchange the Coiler for one of different make. I can have an arrester put on a condenser as I've suggested, and send it to you and you can return the one you now have. Please let me know how you wish it done.

Yours truly
Allaire Woolley & Co

Oct. 19, 83.

F. S. Hastings, Esq., Sec'y. & Treas'r.,
Edison Electric Light Company,
New York City.

Dear Sir:-

I am very much obliged for your letter of 17th inst., stating that you would furnish me with copies of contracts which are missing from Mr. Edison's files and to which he is a party. I enclose herewith a list of agreements between Mr. Edison and the Light Co. which cover [illegible] documents in our possession. [illegible] of these contracts have been made between Mr. Edison and the Light Company, in conjunction with others, and are entered on pages 2, 3 & 4. What I desire to obtain is a complete record of Mr. Edison's agreements with the Light Company, and also complete record of his agreements with the Light Co. in conjunction with others, all of which you have in your files. Will you kindly compare this list with your records and send me copies of any agreements which are not mentioned therein.

In your letter of [illegible] instant you refer to a [illegible] Mr. Edison addressed to E. F. Babbit, dated Nov. 18th, 1878, conveying 4,000 shares of stock to be held in trust for certain parties, also

E. J. M.

(2)

an agreement under date March 5, 1881 between your Company and Mr. Edison in relation to the manufacture of lamps. I have no copies of these two papers and wish you would kindly send them to me together with those asked for above.

Yours very truly,

[illegible] Secretary

Oct. 2[illegible]

Edison Lamp Co.,
Harrison, N. J.

Dear Sirs:-

I beg to acknowledge receipt of your check No. 24[illegible] for twelve Dollars, in payment of my salary to Oct. 13, 1883.

Yours truly,

October 20, 1888.

[illegible]

[illegible]

I have received your letter of 19th instant, and [illegible] the method and the phraseology of letters of [illegible] in the use of [illegible] to royalties. I believe that Mr. Edison's original idea was to charge a royalty of so much per [illegible] which you stated that it would be better to charge so much per circuit. If the method which is made up for [illegible] receiving $100 per year for [illegible] on ordinary [illegible] lines, $150 upon equipments and $200 for phonoplex. This [illegible] of the number of circuits employed in [illegible] length of the main. Most of my [illegible] adopted [illegible] or duplex or diplex or [illegible] which might [illegible] on account of the larger [illegible] charged to the [illegible] circuits, we recently concluded to reduce these charges and [illegible] our regular uniform for all kinds of equipments. I desire [illegible] the use of the phonoplex on quad and duplex wires, as [illegible] they can be worked very successfully, and I consider the

(2)

C. S.

[illegible]

Oct. 20, 88.

E. H. J.,

Re your note 19th inst.,

I don't think it necessary that you should discuss the Toy Contract with Jun. Co.

According to my contract with the Speaking Phonographs Co. the toy business reverts to me.

In regard to the check [illegible] as your share of the proceeds from a portion of stock [illegible] Phonograph Company which I reserved for you in [illegible] the agreement which I made for the old Phonograph Company [illegible].

E

Dec 27th 8

C. E. Chinnock Esq
65 Fifth Ave
New York

My dear Chinnock: The Rev. Jos. Schandel of Greenville N.J. called here today and stated that he had been informed by some one at #65 Fifth Ave. that an appointment had been made for him with Mr Edison to discuss a contract which he (Schandel) had made with the Municipal Co. relative to lighting his church. The of course have nothing to do with his complaint (which was, that according to contract his work should have been completed by Sept 6/88 and was still unfinished) but he had $ 2000 worth of fixtures out for that to witness the Church illumination the next day and there would be no

light – that his contract specified a
15 H.P. Engine with adequate boiler
capacity instead of who there had been
installed a 10 H.P. ~~boiler~~ ~~and~~ Engine and
9 H.P. boiler, neither sufficiently powerful
to do the work required of them – that his
Lamps were all broken and that he
Could find no one at 65 to whom to
apply for an adjustment of his difficulties.
I have thought it well to inform
You of the Engagement which was made
on Mr. Edison's behalf and without his
Knowledge, and which I am Equally
confident you were not aware of.
Mr. Edison was unable to
Come to Orchard –

Compliments

W. Hoffe

Jno. Mc[illegible]

Oct 27th 8

Col. le Colonel
Little Ilford
England

Dear Sir:

To complete the Edison files I desire to obtain as soon as possible a Certified Copy of the license executed by Mr Edison in favor of Edward Holmes and Howard Mc. Kennard (The London Stereoscopic & Photographic Co.) dated 22nd day of March 1878. You found this license included in the papers of Messrs Watson & Sons. I have a copy of the agreement with these gentlemen of same date but the former is missing from our files. Can you kindly send me copy as above.

Yours truly

Oct 23/ 8

R. L. Endicott Esq
New York

Dear Sir: The meeting of Bd of Directors of the Edison phono Co is called for tomorrow at 3 P.M. to confirm the execution of certain Contracts with the Northern Phono Co. in relation to Manufacturing.

We have a quorum if you are unable to attend.

Yours Truly

Thos. A. Edison

West Orange, N.J.

John Dorsey, Esq.,
Western Publishing & Engraving Co.,
Detroit, Mich.

Dear Sir:-

Your letter of 28th ult. has remained unanswered until now owing to my absence from Orange.

I am sorry that we have no sketch of Mr. Edison's Life which we could send you. "Edison and His Inventions," published by Rhodes & McClure, Chicago, and "Life of Thomas A. Edison," edited by Cassell, London, are both very good and might serve your purpose. At present we are out of photographs of Mr. Edison, but have ordered a supply and as soon as they come to hand will forward you one. We have no steel plate portraits.

Yours truly,

Private Secretary.

T A S L E.

W i l c o x,

Office of "Engineering,"
Clare Bridge, 35 Bedford Street,
London, England.

October 20, 1880.

Machine was not to be unpacked or exhibited to any one pending several patent papers about three weeks.

E D I S O N.

Oct 27th 87

Chas Batchelor Esq
Edison Phonograph Work.

Dear Sir: I enclose herewith copy of Abstract of Title of the Edison Phonograph Works to the lands in West Orange now owned and occupied by them which has been furnished me by our attorney Mr. J. P. Kingsley of Orange. The original papers have been filed with Mr. Auchincloss' mortgage. Please have our copy put in the Company's Safe.

Yours truly

Edison

Oct. 20, 88.

Edison Low Phonograph M'f'g. Co.
26 Wall Street
Boston, Mass.

Dear Sirs:-

I enclose herewith bills for [illegible] connection with toy phonograph [illegible] amounting to $1,035.00, $50.00 and $10.00, respectively. Mr. Edison personally explained these bills to me Mr. Adams when he was here in Orange.

Yours truly,

Thos. A. Edison

Oct. 30, 98.

Wm. M. Allison, Esq., Pres.,

Mt Tabernacle, Jacksonville, Fla.

Dear Sir:-

Your letter under date Sept. 26th addressed to our Mr. Kennelly came duly to hand and was referred to Mr. Edison. The latter desires me to say in reply that the experiments to which you refer were carried on by Mr. Edison when (illegible) was ill, and very little was accomplished, as he (illegible) that it would be useless to describe it.

The plan was, to put a long tube, 1 in. diameter, 10 feet under water, one end closed by an iron diaphragm, a small steam whistle put down the tube, another tube about 10 feet long closed with a diaphragm, and fine stretched wire run from each diaphragm to a small diaphragm connected to a stethoscope, to detect the vibrations through the water at a distance. Mr. Edison intends to resume his work in this connection some time in the future, and the experiments will be continued.

Yours [illegible]

A. O. Tate
for M.

Oct. 31, 87.

Henry Villard, Esq.,

New York City.

Dear Sir:-

In reference to your letter of late date, I would like to know what further steps you wish me to take in connection with the Germ. ore. The contract which I have [illegible] of course. [illegible] you desire me to go ahead and have a small number built by way of [illegible] working model [illegible] a large promotional machine? This small machine will cost roughly $150. Awaiting your [illegible]

Thos. A. Edison

August 21, 1854.

Chas. Francis Adams, Esq.,

New York City.

Dear Sir:-

We received your letter of 18th inst., in regard to crediting the account of Mr. Hatch as Treasurer of the Folsom Special Colonial [illegible], and note in reply that any [illegible] approved of by the Board of Directors of the Spanish Colonial Railroad will be satisfactory to us.

The copies of agreements which you sent us [illegible] be returned.

Yours truly,

[illegible] Secretary.

Nov. 9, 88.

G. F. Nesbitt, Esq., Attorney at Law,

Bryan, Texas.

Dear Sir:-

I enclose herewith draft of conveyance for the sale of property, Lydia L. Royse, joining J. Bell et. al., property now unconveyed Lydia L. Royse et al. A. Bell, and recently deeded Chas. Kennon and wife to David M. Royse, dated Feb. 1, 1888. I also send you under separate cover a map showing the property referred to in the above documents. Will you kindly examine the proposed agreement and let me hear therefrom if it is in proper shape for Mr. Bell to execute; the figures do not appear in this agreement, reference being made to the description and shown in the deed. This appreciation could be avoided, I presume, if the map were prepared. I asked Mr. Ward to make a survey of this property, but he replied by a note that the said work of further survey would be entirely unnecessary, as the boundaries are already indicated on this map.

Yours truly,

Respectfully,

Sept 1st 38

Nov 21 8

Dear Sirs

I Wesley Vinson for the
property, lying & being Palmers Theatre
on the Broadway and 30th St
and also a parcel of land Over York
under water Mr Edison has not
above described yet received phonogram
Will advise you
immediately it arrives
J. & O. Tate

Nov. 1, 88.

Messrs. Gaston & Hardwick Street,
149 Griswold Street,
Detroit, Mich.

Dear Sirs:

Duly Stroke ... your letter of October 30th ... of ... Exhaust Pulleys. ... much pleased ... your letter of 26th ult., which ... read with interest. ... says, "Now show me."

Answer this question: Suppose a man has two machines and two dozen thick cylinders. The business man puts on a cylinder, throws spectacle down and dictates. When the cylinder is full he takes it off and sends it to type-writer, who copies and turns off cylinder, returning smooth cylinder to business man. This allows use of thick cylinder and yet business man doesn't do any adjusting. Down ist

Keep me posted.

Yours very truly,

W. H. Gilmore

Oct 31/ 4

Messrs Lyon & Lee
110 Broadway
New York

Dear Sirs: Enclosed find letters from Col Gouraud and his Patent Attorney, Mr Harding Ames in relation to the effect of short term patents on U. S. patents.

I gather from all that has been said and written on this subject that Col Gouraud has taken out a short term patent in Portugal in connection with cases 84 and 85, and is now trying to have it extended to the full term for which that country makes such grants. The question seems to be will this Portugal patent

patent,
already granted, shortens the
life of [illegible] U.S. patents on
cases 84 and 85 if the former
is extended subsequent to its
issue to fifteen years.

Please return answered,
correspondence with
yours respy,
Yours truly

[signature] Smith

6 Nov 11 8

Wd Mallory
77 W. Randolph St
Chicago Ills

Have no use at
present about to
make tests mentioned
in your circular. Some will
better come on
yourself Edison

Nov. 2, 88.

Messrs. Mead & Taylor,

O r a n g e, N. J.

Dear Sirs:-

I intended notifying you that we would not now require you to make a survey of the property in Bloomfield-Belleville, the map which Mr. Ropes has given us being sufficient for our purposes.

Yours truly,

Private Secretary.

May. 2, 88.

Henry Willard, Esq.,

New York City.

D e a r S i r :-

In reference to your letter of 30th ultimo, quoting from cablegram which you have received from Berlin in regard to rise in Edison shares, What inventions do your friends refer to?

The car loads of ore from Wisconsin referred to in your letter under reply have not yet reached us.

Yours very truly,

Nov. 2, 88.

Rev. E. J. Pessenden,
The Rectory,
Chippawa, Ont., Canada.

D e a r S i r:-

In reference to your letter of 22d ultimo, Mr. Edison asks me to say that your son is making good progress and bids fair to be, in time, a first class chemist.

Yours very truly,

Private Secretary.

Nov. 23, 88.

Gen'l. Francis Dorr,

Grand Hotel,

Indianapolis, Ind.

Dear Sir:-

I have received your letter of 21st ult., enclosing a communication addressed to myself by Col. Gourand and take pleasure in replying to the same.

The phonograph is to be merchandized in the United States and Canada by the North American Phonograph Co., No. 160 Broadway, New York City. This organization is a parent company, and their method is to form sub-companies, granting territorial rights to the latter. I do not know what condition these local organizations are in or what opportunity there may be for you to form a connection with the North American people; but I have forwarded your letter to Mr. James H. Lippincott, President of the North American Phonograph Co., who will doubtless communicate with you

Nov. 2, 88.

The Edison Lamp Co.,

Harrison, N. J.

Dear Sirs:-

In reference to your letter of 1st inst., asking if Mr. Edison desires you to send sample board showing the Edison lamp in course of construction to Prof. Roberts and others, I beg to say that Mr. Edison has given his assent.

I understand from your letter that you will now send to Prof. Roberts one sample case of lamps, sample board of construction and photograph of the large lamp from Cincinnati.

Yours truly,

Private Secretary.

Nov. 2, 88.

Prof. E. P. Roberts,
Sibley College, Cornell University,
I t h a c a, N. Y.

Dear Sir:-

In reference to your letter of 27th ult., the Edison Lamp Company, by request of Mr. Edison, are sending you one sample case of Edison lamps, one sample board showing the Edison lamp in course of construction, and a photograph of the mammoth Edison lamp which was erected at the Cincinnati Exposition.

Yours very truly,

Private Secretary.

Nov. 2, 88.

Jesse H. Lippincott, Esq.,
Pres't., North Am. Phonograph Co.,

New York City.

Dear Sir:-

In reference to the attached correspondence, Mr. Edison asks me to say that the defects in the cylinders sent to Boston were caused through our having exhausted our appliances for making same from the Laboratory to the Edison Phonograph Works. We found it necessary in order to turn out large quantities to break in a number of new hands, who being unfamiliar with the method failed to make the first lot finished as perfect as those which were previously turned out by our own men. You need have no fear of receiving defective cylinders in the future. We are forwarding to-day by express to Mr. Jno. Williams, #60 State St., Boston, one box containing seven cylinders and three musical records. The former were tested before they left the Laboratory and found to be satisfactory. We hope that your Boston people will report promptly any trouble they experience

J. M. L. (2)

in connection with cylinders.

Yours very truly,

Private Secretary.

October 22, 1888.

James Driscoll, Esq.,
Engineer, Drake
22 & 24 Victoria St.,
London, S. W., England.

Dear Sir:-

I have your favor of the 17th instant, and in reply beg to state that, Mr. Willis is endeavoring to [illegible] the pounds [illegible] Arizona, and thereby promote new [illegible] on account of which, of course, any ordinary expenses incurred in connection with the erection and operation of the apparatus he is also entitled to have on his part. I would feel obliged if you will honor him [illegible] above and send them over through your correspondents in this country. I will make payment on them immediately they are presented. There is no object in their being presented to Col. Bonsall, as the business which he has [illegible] with me has nothing whatever to do with the Hastings. I wrote Mr. Giles the other day, telling him not to exhibit the machine until my patent papers will arrive, which will be in the course of three weeks. I find that owing to some error in the office of my patent attorney at Ottawa in this connection have not received his papers yet. I am naturally anxious to receive the same before any exhibition of the apparatus takes place.

Yours very truly,

Thomas A. Edison.

Orange, N.J., 1888.

Mr. C. H. Wilby,
Manager, Edison Phonograph Dept.,
83 & 85 Fulton St., Corner,
New York, N. Y., Telephone.

Dear Sir:-

Referring to your favor of 12th inst., I beg to remind you that you were not ever to show the One Dilling proposal to Mr. Bridge and his friends, and not with the object of making any public exhibition which would call forth newspaper comment. It would be entirely against my wishes and very detrimental to my interests were the exhibition to occur at the Crystal Palace. It should not by any means be looked upon as a public affair. I have no wish for the public to see the apparatus or the newspapers to comment upon it. My object in that Mr. Bridge and his friends should examine into the process. I do not understand your remark about having arranged with Col. Gouraud for the exhibition at the Crystal Palace. I presume from the fact that Col. Gouraud has charge of my phonograph interests in England that you have probably assumed he has also some connection with the One Dilling. If such is the case, you are entirely in error. The object for which you were sent to Europe is to make this exhibition to Mr. Bridge and his friends, and for no other purpose whatever.

Yours truly,

Thomas A. Edison.

New York

Dec. 9, 89.

Ch. Continental Edison,

Paris, France.

Dear Sirs:-

We have received your letter of 16th October, wherein you refer to certain statements that have been made by Mr. Duncan, to the effect that the representatives of the American Edison Light Company in their patent litigations have declared void the Austrian Edison patents on the incandescent lamp.

We know nothing whatever of Mr. Duncan, nor are we able to confirm the statement with which the American Edison Light Co's representative is credited, and it appears to us that in any event you have exaggerated the importance of the matter. The American Edison patents could not be invalidated simply by the declaration of this representative. If it were in the power of a foreign company to nullify patents in European countries merely by the expression of an opinion there would be absolutely no protection afforded patentees in those countries, a condition of affairs which surely does not exist.

With reference to the Swiss lighting which were taken out under the name of the Edison Electric Light Co. of Europe, Limited, we

[illegible] Light Co. [illegible]

C. C. E. [2]

S.-Sht Co. Dated Nov. 23rd, 87, Electrical Motors,

your inquiry is quite pertinent and we are making an investigation.

We beg to assure you that there has been no intention on the part of [illegible] to act in a manner contrary to that specified in our contract of November 6th, 1886, and our explanation of the matter will follow this letter in the course of a few days.

Yours very truly,

The Edison Electric Light Co. of Europe Ltd.

By

Secty and Treasr.

Nov. 7, 88.

Chs Continental Edison.

[illegible]

Dear Sirs:

[illegible] letter which I have addressed to the North China Company, which explains itself.

The quotations on lamps made by this Company have interfered very seriously with the work of my agents, Moss, Fraser & Co.

I have no doubt that the quotations were given in good and honoring the false impression that China and Japan are open territory, an impression I have endeavored to correct in the letter annexed.

I beg that you will do all in your power to prevent me from again being subjected to this [illegible] competition.

However, I [illegible] look to me to protect [illegible] to the same extent as your agents are protected in Portugal, and I look to the Companies operating [illegible] other countries to respect my rights.

as I request trains for territory which I have given them by contract.

Nov. 7, 88.

The Capital,

Washington, D. C.

Dear Sirs:-

Please place Mr. Wilson's name on the subscription list of your paper, and send bill to this office.

Yours very truly,

Nov. 7, 88.

Allgemeine Elektricitäts Gesellschaft,

Berlin. Germany.

Dear Sirs:-

I have recently received from my agents in China and Japan, Messrs. Fraser and Company, a number of letters to the effect that your Company had been making quotations upon incandescent lamps for sale in the above mentioned countries, and as your action in this respect has resulted in very seriously retarding the work of Messrs. Fraser & Co., I take occasion to point out to you the injustice you are doing me, and which I am sure you will not continue after the matter has been placed before you.

For a number of years past, Messrs. Fraser & Co., acting as my agents, have been engaged in building up a business in Japan and China which has necessitated the expenditure of large sums of money and a vast amount of time and energy on the part of all those connected therewith.

The difficulties of pioneering a new enterprise in such remote parts of the world and under such peculiar conditions as there exist, are, as you can well imagine, much greater than in countries which progress more rapidly, and for this reason our investment in China and Japan is unusually heavy. The natural obstacles with which we meet in those countries, together with the competition of rival electric lighting companies, require all our energy to overcome, and it is a source of great embarrassment to have our work retarded by further competition which should not exist.

I would call your attention to the fact that, every Edison Company has a specified territory within which to carry on business under my patents, and each Company respects the territory controlled by the other. Any other method would result in endless disaster.

I have never parted with China and Japan, and while those countries afford no protection against the intentional piracy of my inventions--a state of affairs which we are endeavoring to correct-- I feel that I am entitled to every consideration from those who control my inventions in other countries, and that the defective protection afforded by the laws of China and Japan should not be used as a pretext for my own companies to enter into competition with me there.

My claim to whatever profits may arise from the Chinese and Japanese trade is based upon that sense of justice which simply

receive official recognition by my Government that grants a patent; a claim so well founded and so universally recognized as to require neither elaboration nor discussion; and those to whom I have delegated the active management of my electric lighting interests in China and Japan, are, together with myself, entitled to the same respect as is maintained between corporations operating under my patents in other countries.

I am satisfied that when you made your quotations before referred to, you were unfamiliar with existing circumstances, and I beg now to request you to withdraw those quotations and to refer your order to me or my agents, Messrs. Fraser & Co., New York City, any persons who desire to purchase my electric lighting apparatus for use in China and Japan.

Yours truly,

Thomas A Edison

Nov. 7, 08.

Francis R. Upton, Esq.,

Kaal Berrick, N. J.

Dear Sir:-

I enclose a letter addressed to me by the Continental Edison, Paris, in reply to theirs of 14th August, relative to American patents. It will further you in seeing Mr. Edison about it. It is written on behalf of the Edison Storage Light Company of Europe, Limited.

I also enclose another letter to the same person which attached to it a communication addressed to the Swiss Edison Co. regarding China and Japan, signed by Mr. Edison. It G.M. please forward.

I enclose also a letter to the Allgemeine E. Gesellschaft, signed by Mr. Edison, re China and Japan. Let me know what disposition you make of all these. I think they will accomplish what is sought.

Yours truly, Alex Dent

Private Secretary.

Nov. 7, 88.

Mr. J. O. Bromley,

16 Gilbert Avenue,

Kingston, N. Y.

Dear Sir:-

In reference to your letter of 29th ult., Mr. Edison says that you had better work on the chemistry of electric batteries. He states that there is no known battery that is not full of defects which ought to be remedied.

Yours very truly,

Private Secretary.

Nov. 2, 88.

The Babcock & Wilcox Company,

30 Cortlandt Street,

New York City,

Dear Sirs:-

In our Laboratory here, as you are aware, we have three of your 75 horse power boilers. They are set in Jarvis setting. I find my engineer, Mallion, who is supposed to be an experienced electric light man, complains very much that he cannot keep steam in these boilers, even when they are far below what their rated capacity is, as sold to us. For instance, I have had indications taken, and also weights of water evaporated, and found that even when the boilers are only generating about 150 horse power, it seems impossible for the engineer to keep up his pressure, which gradually goes from 110 down to 85 in two or three hours. It is quite possible that we are not best fitted in the shape of grates or that we have not proper arrangements for drafts, or there may be something which I do not know of and which the engineer possibly cannot tell me anything about. I write now to ask you if you could send us an experienced man to run these boilers for a day or two, in order that he may be able

W. & M.

(2)

to whom my engineer, whom I believe to be quite possible - that is, to run the boilers to their full capacity and keep up steam. I think myself that this can be done by ordinary attention. Your man will also be able to tell me whether, in his opinion, we have the best arrangement for running the boilers as each capacity.

Please let me hear from you, as it is rather an important thing for me to make these boilers perfectly satisfactory to my own ideas of what they should do; and what I know we have done in other places.

LABORATORY OF THOS. A. EDISON.

B y

Chas. F. Beechelor
Jun. Mb.

March 5

Chyde Swinnerton:

I have delayed replying
to yours of the 1st inst. awaiting
the decision as to calling Edwin
Forrest at the Saturday
Eve. Post already to hand
from you and there is nothing
definite for you as the
Photoplay is to be.

I shall see this week that you
receive the check for the Edison
article. In some of the Eastern
papers — Sunday
or Monday York or Elsewhere.

Sincerely,

[illegible]

Nov. 11, 90.

E. Berliner, Esq.,
Real Estate Record No. 74,
[illegible]

Dear Sir:

Mr. Edison has received your letter under date 10th inst. In reply he desires me to say that a suitable for carbon buttons is at present impossible. He suggests, however, to get it working with rock, in order to supply one machine, carbons for experiment to the committee at the Paris Exposition, and he will see that you are furnished with same.

Referring to that portion of your letter concerning the phonograph, it would be necessary for you to communicate with Col. George X. Gouraud, Little Monks, Upper Norwood, Surrey, England, who controls the machine in Europe.

I am sending you by this mail a photograph of Mr. Edison, upon which I have had him place his autograph.

Yours very truly,

Private Secretary.

May 12, 24.

Editorial Office,
THE NEW PHONOGRAPH COMPANY,
108 Broadway, N. Y. City.

Dear Sirs:-

In answer to your letter of the 8th inst., your notes on the phonograph now under way of sale. Your regarding the old phonograph, which during the last eighteen months Mr. Edison has perfected. I enclose herewith description of the perfected phonograph which you can embodies in your own description into your records.

Yours truly,

Private Secretary.

Letterbook, LB-026

This letterbook covers the period August 1887-November 1888. Many of the letters are by Edison. There is also correspondence by Charles Batchelor, Alfred O. Tate, and John F. Randolph. Included are letters relating to ore separator patents in the United Kingdom, phonoplex sales in the United States and the United Kingdom, proposed central stations in Japan and Korea, and the international search for sources of bamboo for electric light filaments. Other letters pertain to Glenmont and to the construction of the West Orange laboratory. Some material concerns the finances and operations of the West Orange laboratory and the various Edison companies. The front cover is marked "1887-1888 Indexed." The book contains 482 numbered pages and an index. Pages 365-482 are blank. Approximately 30 percent of the book has been filmed.

Edison Laboratory Mem. P.

Orange N.J.

Messrs. Eaton Cole & Burnham

New York.

Gentlemen,

Enclosed I hand you Statement of a series of steam pipes tried in Edison Tower at my laboratory at Orange N.J.

Steel	1	Bristain	6 feet
"	2	"	9 feet
"	3	"	6 feet
"	4	"	9 feet
"	5	"	6 feet
"	6	"	6 feet
"	7	"	9 feet
"	8	"	12 feet

Please give me price for three feet and fitted as that I can test them as required

Yours truly

Thos. A. Edison

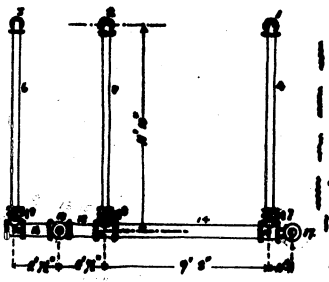
per Batchelor

Enclosure

Please return the statement with estimate

Chimi Laboratory Sept 15 1884.

Mast 1 Steam Connections



Description

1, 2, 3 = 8" flanged elbow.

4, 5, 6 = 8" flanged steam pipe

7, 8, 9 = 8" steam gate valve.

10, 11, 12. = 8"x8" T

13 = 8"x4" T

14, 15, 16 are 8" steam pipes flanged

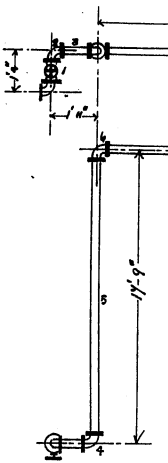
17 3" elbow with one flange made to fit 8" T

If the 11" measurement between 10 and 17 cannot be maintained we must have it right away 11 a. 8 alter the other Mast.

Edison Laboratory Sept 15th 1884.

Steam connection

Sheet 2.



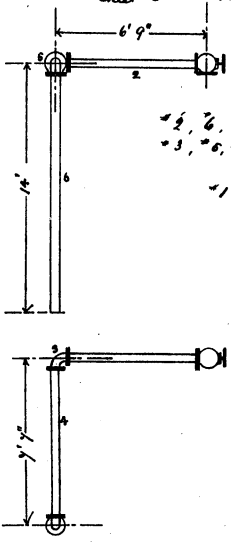
Description

#1 3" Steam Gate valve flanged —
#2. 3" Steam elbow flanged one end
#3 3" Steam pipe
#4 #6 #8 3" Steam elbow
#5 #7 #9 3" Steam pipe

The length of #9 is about 3'6" but this is only within an inch or so As it must be made to fit the engine cylinder — CB

Edison Laboratory - Sept 15 1884

Sheet 3 Steam Connections



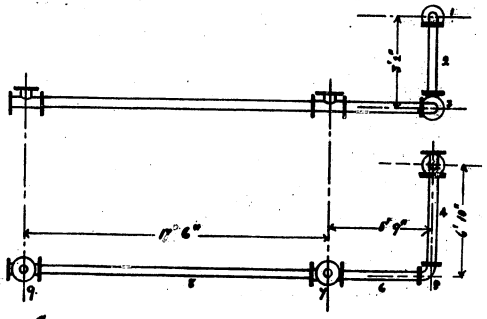
Description

"1 = 4" Angle valve (steam)
"2, "6, "4, = Flanged steam pipes
"3, "5, = Flanged Elbows.

"1 Connects with "13 on sheet one
and of centre distances between
the two pipes is any different from
11" as shown. GR.

Edison's Laboratory Sept 15 1884

Fig 14. Steam Connection

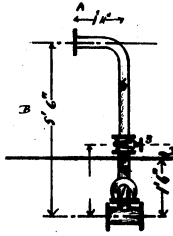


Description –

#1 #3 5 – 7" Steam flanged elbow
#2 #4 6 – 7" Steam pipe flanged.
#5 7"x 4"x 5" T
#8 4" flanged steam pipe
#9 4"x 4"x 4" T

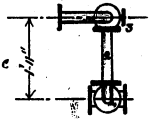
Edison's Laboratory Sept 15 1884

Sheet 5 & 6. Steam Connections



Sheet 5 — Measurements on sketch correct

- #1 5" Steam flanged elbow
- #2 5" Steam flanged pipe
- #3 5" Steam flanged elbow
- #4 5" Steam flanged pipe
- #5 5" Steam gate valve.
- #6 5" Copper pipe flanged length of the copper pipe not exact until engine in place



Sheet 6.

- #1 + #3 = 4" Steam flanged elbow
- #2 + #4 = 4" Steam flanged pipe
- #5 4" Steam gate valve
- #6 4" Copper pipe flanged — exact length when engine is set

Handles of gate Valves should be above floor about 9"

Dimension for sheet 6

A = 1' 10" One foot 10
B = 5' 4" Five foot four
C = 3' 4" Three foot four

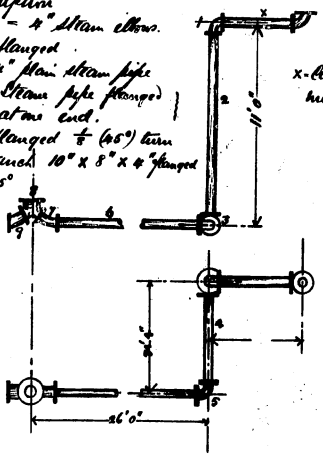
C.B.

Edison's Laboratory Sept 15th 1884.

Sheet 7. Steam Connections

Description

#1 = 5 = 4" Steam elbows. not flanged.
#2 = 4 = 4" Main steam pipe
#6 = 4" Steam pipe flanged at one end.
#7 = 4" flanged ⅛ (45°) turn
#8 = Branch 10" x 8" x 4" flanged
#9 = 8" 45° ⅛ turn flanged

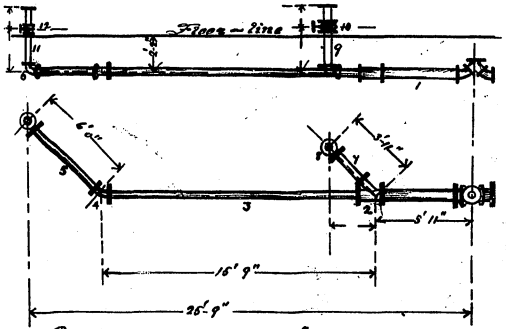


x-Cannot be determined yet.

Edison's Laboratory Sept 15th 1884.

Sheet 8.

Steam Connections



Description:

* 1 – 8" flanged steam pipe
* 2 = 8" x 6" 45° T
* 3 = 5" steam pipe, one end flanged, the 8" T. 2.
* 4 = 5" flanged 45° ℄ turn
* 5 & 11 – 5" flanged pipe
* 6 = 5" elbow
* 7 = 6" flanged pipe
* 8 = 6" flanged elbow
* 9 = 6" flanged pipe
* 10 – 6" Gate valve (steam)
* 12 = 5" Gate valve (steam)

Gate valve 10 & 12 must be just above the floor. so that the wheels can be turned with 3" Bapaire. Ex.

Nov 2nd 2

Holyoke Mechanic Company
Holyoke
Mass.

Dear Sirs

The sketch of the Elevator is all right and we are now digging the Pit. Please tell us what speed the Counter Shafts should run and whether Etc Two 4" belts run from same drum (one closed) so that we can get the Counter Shafts for same

Yours Truly
Thos. A. Edison
(P)

P.S. Please address us E.&M. to
Edison Laboratory
Care of Chas. Batchelor
Orange N.J. (Box)

Nov 3rd 7

Messrs J. E. Braunsdorf and Co
Pearl River
N. Y.

Dear Sirs

Referring to your favor of Oct 31- I would like to have a catalogue of everything you manufacture

Yours truly
Thos. A. Edison
R

Nov 3rd 7

Otis Brothers and Co.
38 Park Row
N. Y.

Dear Sirs

Referring to your favor of the 19th of October. We have decided on the Holyoke Machine Co's Machine as it has the safety device for the hatchway which you said you could not supply

Very truly
Edison Laboratory
R.

10 Burling Slip New York

Nov 5th 7

Peoples Bank
Canal Street
New York

Dear Sirs

I beg to enclose you herewith check for $5005.00 Please place same to my credit and oblige

Yours truly

Nov 4th 7

[illegible] Trust Company
5 Wall Street
New York

Dear Sirs

[illegible] to acknowledge [illegible] your favor of [illegible] and [illegible] draft for $5005.00 [illegible] to [illegible] the [illegible] of the [illegible] to [illegible] Company's check at 11% for [illegible] and [illegible] disbursed.

Yours

New York 7

Peoples Bank
Canal Street
New York

Dear Sirs

Enclosed find check
from the Mutual Life Insurance
Company of New York for $ 31,117 50/100
Please place

33

Nov 8th 1

Dec 8th 1

Messrs John Royle and Sons
Paterson
N. J.

Dear Sirs

Referring to your favor of the 4th inst I beg to state, that I cannot find time to call but my laboratory will be ready by the 1st of December and if you will send a brochure I will try it and if it will do my work will purchase it and if not I will return it uninjured and pay all expenses

Yours truly
Thomas A. Edison
R.

Gen Mgr & Agent
Dear Sir

In regard to the Double circular Saw table we intend to clean it from underneath and not work Countershaft in the floor. We therefore shall not need the Fixtures arrangement mentioned in your letter of Oct 20th

Very truly Yours
Edison Laboratory
per C.B.

P.S. Please hurry the Machinery forward

Nov 10th 7

Standard Oil Co.

Nov 10th 7

Orange Gas Light Co.
Orange
N.J.

Dear Sirs

I shall need a 50 Light
heater in my Laboratory and would
like to have you send a man
there to see Mr. Batchelor who is
here every day from 9:30 A.M. until
4 P.M. He will explain to you

Yours truly
Thomas A. Edison
?

P.S. The Laboratory is in Fresh Orange
N.J.

Rec 11th 4

Orange Valley Water

Orange N.J.

Gentlemen,

We are ready to be connected and have a meter placed for 30th inst.

Understand that a general test of pressure commencing 6th & 7th inst. will be made

Estimate Oceanic Gong, 000 gal and Grain Belt Brewing Co. average 3 days a week of 6 hrs each will make as a general thing have them to water. Stating the minimum pressure supplied last week was 40 lbs

Yours truly

Edgar Scrivener

Please let us know when ready and how much water is used the first

M.

Room 7

A. B. Shaw Esq
Williamsport
Pa.

My dear Sir: I enclose herewith the Edisons affidavit) appointing you his proxy to vote his Sunbury Stock. This paper has been delayed owing to the fact that I only succeeded today what the Edisons holding was in the Sunbury Co. viz Sixty One & a half shares.

Telegram.

Dec 12th 1887

Arthur Payne

Opera [redacted]

Mexico

Have fraught ton leaf longest largest fibre which have without flaws them proceed southward Panama for Bamboo and other hard fibre. If Bamboo found equal large we have here arranged ship several thousand joints ten to twelve inch by Telegraph from City Mexico address [illegible] new required mail telegraph funds

[illegible]

Dec 31 7

Upton Bramwell Esq
23 Drumsheugh Gardens
Edinburgh Scotland

Dear Sir: I am in receipt of your esteemed letter of 20th ult. As soon as my laboratory here is completed, which will be in about two months, I will make some experiments on the instrument which you refer to. Yours truly

Thos. A. Edison

Dec 12th 97.

Lieut J. B. Murdock
Torpedo Station
Newport R I

Dear Sir: In reply to your letter of 9th inst. About the first of the new year our Laboratory here will be in running order and I will then be able to give you what you want. I should be glad to hear from you again at that time.

Yours truly

Chas. E. Munroe

Dec 5th 77

A. W. Stager Esq
Phillips House
Kansas City, Mo.

Dear Sir: Replying to your favor of 5th inst. I beg to say that the business you refer to viz: the lighting of small towns, hotels &c by my System of Incandescent Electric Light, is controlled by the Edison United Manufg Co, 65 Fifth Ave, New York City, to whom I have referred your communication

Yours truly
T. A. Edison

Dec 13th 7

Arthur L. Payne
San Antonio
Texas

Send long telegram Calientes advising you proceed City Mexico and thence to Panama down through Central America you giving address and stating money required which I can telegraph to City Mexico also to send ton longest best leaves by Freight. Perhaps you better go to New Orleans where I can telegraph money and you proceed to Magdalena River for ten thousand ten or twelve inch Bamboo joint answer

Edison

Chg to myaccount

Dec 13th 7

Arthur B. Payne
Iguala Valentine
Mexico

Telegraphed you yesterday to proceed
Panama perhaps you better proceed Magdalena
River for Bamboo answer

Edison

chg tong Accounts

Coal

Dec 14 /

R. S. Hoyt Agent
1 Broadway
Room 191

Dear Sir

We have only received 44 tons of Buckwheat on our order of 100 tons in November — We are almost entirely out and want to know whether we can get any more from you on that order or whether we must look elsewhere. We use about 5 tons per day and should like to place another 100 tons immediately

Edison Laboratory
per C.B.

Impeds Motor
Drawings

Dec 14 /

The E.M. Co. N.

Schenectady N.Y.

Gentlemen

Please send me immediately all the drawings you have relating to the Lewis feed Impeds and its motor and oblige

J. C. Clarke
per C.B.

Engine

Dec 14

Brown Engine Co

Pittsburg Penn

Gentlemen,

We have never been satisfied with the working of the engine here, the exhaust shows a very short and a very long exhaust; in fact you can hardly name one and the other seems to blow through with full pressure. Another thing; in going forward of the crank is at the front it will start all right; but if it is at the back side in the same position it will not. The man you sent here to start and adjust the engine had us fit up piping to indicate it and he worked with it for almost a day taking cards. None of these cards did he ever show me, nor did he ever ask whether we were satisfied with its working or not. I am not satisfied with it & should like to have you send a man to investigate it right away.

Boiler Insurance.

Dec 15 /4

American Steam Boiler Ins Co.
49 John St. N.Y.

We have three 75 HP Babcock & Wilcox boilers and we cannot have them all shut down at once — As the weather is warm we have now got two shut down for a purpose & can keep them so for Friday — The man can inspect them and at some future time he can inspect the other

Truly Yours
Edison's Laboratory
per D.S.

Steam pipe
Covering

Dec 15th /

R. M. Gilmore Esq

82 John Street

We are now ready to receive a bid from you for covering our steam pipes. Please ask for Mr Cook the Draughtsman who will explain everything that must be done. I must have the covering made out at least a ½" air space all around the pipes.

Yours truly
Chemical Laboratory
per Chatfield

Watchman
Detector.

Dec 15 /

The American St. Time detector
31 Astor House N Y

Please give me a price for a Watchman time detector (for thirty stations) and 30 push buttons — I said I have thirty stations posted every hour during the night —
We can put the apparatus up ourselves

Truly yours
Edison Laboratory
per S.

Shafting

Dec 15 /

G. E. R. W.

Schenectady N.Y.

Referring to your mem. Dec 14th would like to have you send us a sketch of the floor stand so that I know where the bolt holes are and so that I can get my timbers out all right.

Truly yours
Testing Laboratory

[redacted]

[redacted]

[redacted]

Gentlemen,

[redacted]

[redacted] for my draughtsman Mr Cook who will explain all that has to be done. I must have an air space of at least ½" all round the pipes

Truly yours
Physics Laboratory
per [illegible]

Decemb[r] 7

A. P. Southwick Esq M.D.
No 11 Niagara St
Buffalo NY

Dear Sir: I am in receipt of your letter
5th inst. in further reference to re[illegible]ity
as an agent to supplant the gallows,
and have carefully considered your
remarks. your points are well taken
and though I would join heartily in
an effort to totally abolish Capital
punishment, I at the same time
realize that while the system is
recognized by the State, it is the
duty of the latter to adopt the most
humane method available for the
purpose of disposing of criminals

A.P.L.

Criminals
under sentence of death.

The best appliance in this connection is, to my mind, the one which will perform its work in the shortest space of time, and inflict the least amount of suffering upon its victim. This, I believe, can be accomplished by the use of Electricity, and the most suitable apparatus for the purpose is that class of dynamo-Electric machinery which employs intermittent currents.

The most effective of these are known as 'Alternating Machines', manufactured principally in this country by the Geo. Westinghouse, Pittsburg, and the Cost of Engine, Alternating dynamo and appliances sufficient for the work above referred to, would hardly exceed $2500.; the cost of maintenance would be a mere trifle owing to the

(# 3 A.L.S.)

the infrequent use made of the apparatus.

The passage of the current from these machines through the human body, even by the slightest contacts, produces instantaneous death, practical evidence of which has been supplied during the past six months in the city of New Orleans, where two men have been killed and others injured by this quality of current. The details of this circumstance I cannot myself furnish, but doubtless the New Orleans authorities would provide You with accurate data, if you consider it worth assist you in arriving at a solution of the problem you have commenced to work out. Yours very truly

Thos A Edison

Dec 19th 7

E. F. Gilliland Esq
19 Dey St
New York

My dear Gilliland: I enclose a clipping from the Cincinnati Gazette 12th inst. re. Edison phonographic and Bell Graphophone. Mr. Edison suggests that you refer this to your friend O'Shaughnessy of Cincinnati — The Gazette shows to be handled without gloves.

Yours truly

Private Secy

Dec 20th 7

Miss Frances E. Edson
Bradford
Mass.

Dear Miss Edson

By request of your Father I beg to enclose you herewith a check for $30.00/100 and $20.00 in cash.

Trusting you will receive it safely I remain

Very truly
John P. Randolph.

Edison Laboratory
Orange N. J. Dec 22nd 1917

Messrs James Mc Cann Mfg Co
924 Chestnut Street
Philadelphia
Pa.

Dear Sirs

In regard to the Rubinkoff Coil you may fix it up as you suggest.

Yours truly
Thos. A. Edison
R.

Dec 29 7

My dear Russell: I want to find Alf Swanson. I have a letter for him from Germany. I also want to keep track of him in the event of his case being called for trial as I am responsible for his appearance. Do you know his address. Please hunt him up and advise me as quickly as possible

Yours truly

J. A. Russell Esq
#18 West 69th St
New York

Private

Dec 24th 7

Bergmann & Co

Gentlemen.

Mr Edison is anxious now to have his house finished for Xmas — I would therefore ask you when you could send out your designer to see about his Chandeliers Notify Mr Steininger when he is coming but as I believe Mr E. wants him to be there at same time

Edison Laboratory

M Ogs

Dec 27/ 7

John C Tomlinson Esq
40 Wall St
New York

Dear Sir: Sterriengen Patents

I have named Friday 30th inst as a date for hearing arguments relative to the above, the meeting to occur at my Laboratory at 11 o'clock a.m.

I have notified Bergmann & Co and Mr. C. A. Johnson - please confer with the latter and advise others concerned.

Yours truly

Thos A Edison

Refers

Dec 27/ 7

Rengmann & Co
392 Ave B
New York

Dear Sirs: Herrenger Patents

I beg to notify you that I have set down a hearing of arguments relative to the above for Friday 30th inst, the meeting to decide adverse Laboratory

Please advise me if you will be in readiness

Yours truly

Thos. A. Edison

P.S. Hours 11 A.M.

Referee

Dec 27/87

E. A. Johnson Esq
16 Broad St
New York

My dear Sir: Electric Railways Patents

If everybody is ready to go ahead with these arguments I will name Friday 30th inst. as the day and my Laboratory as place of meeting.

Let me know if this will be convenient. I have notified Bergmann & Co. and Mr Tomlinson

Yours truly

Thos A Edison
Referee

Encls

P.S. Any hour after 10 A.M. Say 11 o'clock in the morning

Dec 27/7

J. H. Green Esq Cashier
The Security Bank
Mitchell Dak.

Dear Sir: Re your letter 21st inst
if you refer to my pyro: magnetic
generator it is a toy in an
experimental condition and
I am therefore not prepared
to discuss it commercially.

Yours truly
Thos A Edison

Dec 27 7

Messrs Frazar & Co of China
121 Front St
New York

Dear Sirs: Relative to the attached
If it is not too late I would
suggest that you arrange
for these Japanese gentlemen
to come over here and see me.

Yours truly

Thos Edison

Dec 29 7

Saml Sewall Esq
Schenectady NY.

Dear Sir: On the 22nd day of March 1878 Mr. Edison executed a license in favor of Geo. Swan Nottage and Edward John Kennard (The London Stereoscopic & Photographic Company) for the manufacture and sale of Phonographs in England. On the same day Mr. Edison and the above parties executed an agreement with relation to certain moneys which were to be paid to the former as soon as above license was [illegible]

(7
10)

here and handed to the Agents
of Roberts and Swan.
This agreement is in my hands
but I cannot find a copy of
the license referred to, tho' I have
made four different searches
in the safe at Wall St.
Mr. Edison says it was written
on parchment and that perhaps
You can suggest its whereabouts
It is important that a copy
of the same should be sent to
Col. Gouraud at as early a date
as possible.

Yours truly

W. H. Vanderbilt

Dear Sir 7

Col Geo E Gouraud
Littlecombe
Upper Norwood
Surrey England

Dear Sir:

I enclose herewith copies
Of the following agreements relative
to My French Telephone patents:-

No 1 Agreement under date 17th day of
December 1877 between Thos A Edison
Theo. Puskas and Geo. E. Alexis

No. 2. Agreement 21st Sept 1878 between
J. D. Bailey, Theo Puskas and Geo
Alexis Gouraud

No. 3 Release under date 4th May 1879
of Theo Puskas as to Contract
dated 17th December 1877 (No 1)

N. Puskas is not necessary to

to
Send you Copy No. 2 that I forwarded to Complete the progress up to the date of the Paskas Releases.

I also send here a copy of my agreement with the London Stereoscopic and Photographic Co. under date 22 March 1878. I have not yet been able to find among my papers the Evidence referred to in this Contract and bearing upon it or thereunto. I hope to be able to obtain this in a few days and will forward you a copy immediately

Yours truly
Thos. A. Edison

Dec 30th 7

G. W. Baird Esq
Passed Asst Engr. U.S.N.
Washington D.C.

Dear Sir: Your letter under date 20th inst. addressed to Mr Hutchinson, has been referred to me.

I endorse the use of Underwriters wire for open work in perfectly dry places away from walls.

Yours truly

Thos A Edison

Dec 30/77

W. S. Logue Esq
C/o Penna RR
Huntingdon Pa

Dear Sir: I beg to confirm my telegram of this morning to the effect that I have important orders from the Bro.

They want one circuit in New York, immediately after which they will want work done in Chicago and other points in the West.

I hope you will be able to leave those Penna Cts in good condition. We will be ready soon to

Wish

furnish a reliable battery.
Mr Edison is engaged
now in adapting his new
battery to our Systems
and we will equip the P.R.R.
at the earliest possible moment.
Meanwhile ask your friends
to wait with us.

Yours truly

Edison

Dec 30/7

F. R. Upton Esq Genl Mgr
Edison Lamp Co
Genet Newark NJ

Dear Sir: In the loft above the old stable at the Lamp Factory there are a lot of bamboo splints. I want a box of these sent to me here as quickly as possible.

Yours truly

Thos A Edison

Dec 20/87

E. R. Upton Esq. Cashier
Edison Lamp Co
Menlo Park Newark N.J.

Dear Sir: Please send me at once
one doz bamboo fibres about 3/100 Square
" " " " " 25/100 "
" " " " " 15/100 "
when can be any length.
Also send me two (2) furnace
doors 17 x 21 with iron
bands - Brick out doors as
flat as possible

Yours truly
Thos. A. Edison

Japan Business

Jan 31 7

Chas Isaacs Esq
Schenectady
N.Y.

My dear Isaacs:

I enclose herewith copy of a letter which I have addressed to Upton in regard to Japanese business, which explains itself.

Transactions of the nature mentioned there are cash before goods leave New York, and Mr Edison thinks that something should be done to reduce our estimates.

I think you allow an extra
7% on your bills in this
connection for cash, and
tho' this is not much
hardship to the Agents
as they would (at prices
which they have quoted) receive
£1500. for a dynamo before
sending you your £800.
less 7%.

Yours truly,

Japan Business Jan 3rd 8

Francis R Upton Esq
East Orange
N J.

Dear Sir: During the past few days my attention has been called to the condition of our Japanese and Corean business, through the presence of two gentlemen from Japan in search of an Electric Light plant.
I find that our estimates are so loaded down with commissions that it is absolutely impossible for us to compete with other manufacturers even when all due weight is given to the

the
superiority of the Edison System.

These Japanese people are awakening to the fact that they can purchase material in the open market at very much lower prices than are quoted by the representatives of the Edison business in Japan and unless some action is taken at once it will result in our losing a large amount of business.

I also notice that our estimates are overburdened with material – as an instance

3 2 AM

instance
of which I would mention that
the estimate handed these
Japanese gentlemen by Messrs.
Fraser & Co of China, included
4 wooden base frames for dynamos
price $ 6 ff. They could made
these in Japan and save about
$ 50. ff. My idea in regard to this
business is that all material
should be furnished as
favorable prices as are given
in the open market, and
Commissions obtained by means
of special discounts.
These goods are paid for
before they leave New York

Newark

and now that the Japanese people are becoming acquainted with the market we ought to establish a more reasonable basis upon which to conduct our business in that country than that which exists now.

Yours truly,

Thos. A. Edison

Loud Speaking Telephone Jan 4 8

P. K. Pattison Esq Supt
Westfield Academy & Union School
Westfield N.Y.

Dear Sir:

In reply to your letter 2nd inst I regret to say that Mr Edison has not got a Loud Speaking Telephone in his Laboratory. We are not fully equipped here yet, but Mr Edison thinks that some time this winter he may be able to send you one of these instruments; he cannot sell them.

You might write again about the matter later on.

Yours truly

Private Secy

Orange N.J.
Jan 4/88

My dear Mr. Dinan:

Hussey is a "dreamer". He never worked for Mr. Edison but was an Operator at Menlo Park during the time when the latter had his Laboratory there. Mr. Edison knows nothing about the Clock referred to

Yours truly

Edison

Rockenbenner Esq
314 Eleventh
Brooklyn

Private

Answered

Jan 4th 8

My dear Mr. Wiman:

Re letter from Mr. W. R. Chisholm, Galveston, I have talked with Mr. Gilliland, Gen'l Agt of the Phonograph Co. and he is much pleased with the application. There is no charge made for state rights, but Mr. C. may find his capital useful in pushing the business. Mr. Gilliland is not quite ready yet to arrange these agencies but will be shortly, and he entertains no doubt that he will be able to appoint Mr. Chisholm. I would suggest that the latter make formal application to the Edison Phonograph Co. #19 Dey St, New York.

4 Edison Mr. Chisholm's letter

Jan 5th

F. D. Posey Esq
Petersburg
Indiana

Dear Sir:

In reference to your letter 30th ult. addressed to Mr Edison I beg to say that the question of lighting mines by electricity and the use of the same as motive power, is one that is being dealt with by Electric Lighting Companies now in existence any of which would doubtless be glad to correspond with You on the subject.

Your idea as to generating

Gardening
is the best one that has been presented to Mr Edison for a year. For this character of work you would require an arc light – not an incandescent.

Prof. Siemens has shown that plants and flowers will grow under the electric arc, in a practical experiment. The expense of keeping up green-houses is enormous, and if you would put your present idea in operation with the view of supplying the Chicago and other markets with the product of your mines

Mine -

Gardner, You would probably make more money than in the handling of coal.

Yours truly

[signature]

Private Secy

Jan 27 78

Jarvis & Edwards Esq
91 Liberty St
New York

My dear Sir:

Very many thanks for your letter 3rd inst.

I have very little hope of being able to read the visible impressions made upon the phonograph as the cavity of the mouth, the teeth &c alters them and makes a different impression for each person so that the same words spoken by different people bear no resemblance on the phonogram.

Yours very truly
Thos A Edison

Seechmeter

11th January 8

Sir

Please forward to the above address per Baldwin's European Express Agency one of your latest and best forms of Ayrton and Perry Seechmeters, at your earliest convenience and oblige

Yours truly

To The Makers of
The Ayrton Perry Seechmeter

Seismometer

11th January 8

Professor Ayrton F.R.S.

Dear Sir

Would you kindly forward the enclosed order to the makers of your seismometer as I am not acquainted with their names or address. I should also be obliged if after so doing you would let me know them,

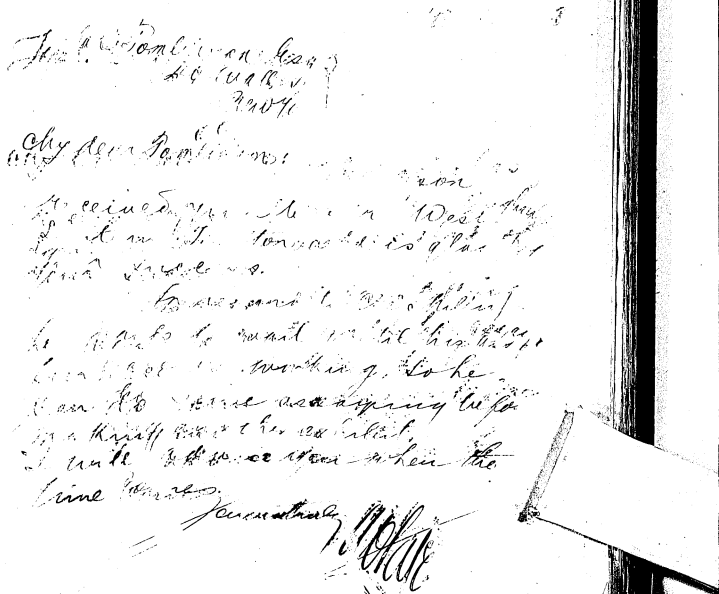
Yours faithfully

Jan 18

Jan 15th 8

Samuel Insull Esq
Orange N.J.

Dear Sir: In re Wm Lyons bill against
Edison Electric Illuminating Co. of New York
to selling lands in Fairfield County
I enclose a copy of the decree
which has passed the Circuit Court
and the Commissioner named therein
to ascertain Edison's Contracts with
Riedermann. It appears that there
is nothing to prevent the Edison Co
selling in Fairfield County. My own
opinion as to the Commissioner's powers
relative to Lamps will apply to
other Contracts appearing



Francis Ransom Esq.
Medina Lamp Co
Hackensack N.J.

Dear Sir:- I remember a conversation which I had with you some time ago during which, if I am not mistaken, you said as your opinion that it was unnecessary for the Medina Lamp Company to have reports with the State Authorities. Mr. Tomlinson tells me that he does not think your Company

(Mr. Zell)

Company
has filed a report since the
organization. The Lamp Co. was
incorporated by the Commission
and he showed me the New Jersey
statute providing for these
annual reports, which does not
by any means bear out your
opinion, if, as I said, I am
not deceived by my memory.

The ~~Directors~~ Lamp Company
will have to pay a fine
of Two Hundred Dollars for
each year that failure has

(23rd)

has been made to file its report from which it would appear that you already owe the State about $1000. This matter is worth looking into — I notice in ~~the papers~~ the papers that one of the Trustees of a Company has been struck for $25000., having become liable for the Company's debts thro' its failure to file its annual report — Forewarned should be forearmed!

January 8

D. R. Upton Esq
Weldon Lamps & Co
Kenosha Wis.

Dear Sir: Can you give Mrs. M. Wood of Liberty Mo. a chance to put some Burners on some of your buildings when time of your present policies expire. We got the Machine Works into Dunn & Co. & don't think you can do as well as this.

Yours truly

Jan 24th 8

The Edison Lamp Co
Harrison
N.J.

Dear Sirs:- Enclose herewith Statement of Mr Harrington's A/c made up as follows:-

Expenses as per details annexed 2363.15
& Advances as per my letter of 19th inst 2311.21

Balance due on Expenses 51.94

Mr Harrington's Salary was paid as per my letter above referred to Dec 3. 87.

Salary A/c - Dec 3rd/87 to Jan 21st/88
8 weeks @ 20 per week — 160.

Less check sent Mr Harrington as per your letter 8th inst — 40 120.

Due on Salary A/c

Total amt due £ 171.94

Mr Harrington requests a check for total amt due him.

It is necessary to cable

Cadet
Forward immediately to Lt. Col. Holcombe
Capitol - Amt. required $ 250.
To a horse of Commissioned (about) 25.
$ 275.

I have arranged with the Harrington that he shall forward these funds through U.S. Grant & Co, New York, by whom will send check for above amt. to the A. at 65 Dollars One. Hundred. This is all that should be allowed to each cadet.

Yours truly,

Chas. Sey

Jan 27 8

Wm. Jarvis Esq
Schenectady N.Y.

Dear Sir: Re Phonograph
in England. Mr. C. H. Johnson
who was connected with
the affairs informs me
that the Disclaimers must
have been made in 1880.
I am searching correspondence
for that year.
If there is anything in
Col. Gouraud's records

records
relating to the above he
does not seem to be aware
of it. Were you with the
Colonel in 1880 and is
there any information which
you can let me have?
Yours truly

Feb 15 8

Edison Mining Co

New York

Gentlemen

I have received a sample of lead covered wire taken from Mr. Archinclass's house. I should not regard it a safe article to use, but as I understand that there is very little of it used in the house it might be cut off where found and replaced by good wire.

The underwriters wires which test out good I think you might leave as they are, while every new wire you put in is to be of best material.

I hope you will get this work started and finished without any further delay.

Yours truly

T. A. Edison.

per OS.

April 16/ 8

Messrs Stall Bros:
No 15 East 16th St
New York

Dear Sirs: Your letter of the inst. addressed to Mr Edison attempting an explanation of the defective working of his house has been received. In reply I beg to submit a few statements of fact which will enable you to find out for yourselves that you are entirely mistaken in presuming that the trouble was caused by changing from the two wire to the three wire system. The insulation

insulation
was unsafe for any
system.

Second. The material used for
mains and for the unfinished
room back of the Dining
Room, in the Stable and
Greenhouse was Underwriters
wire. You say, I lay great that
this kind of wire is generally
used for the class of work
in question is absolutely
contrary to the facts, and
it is difficult to credit you
with want of knowledge on
the subject. The wire referred
to has long ago been discarded
for concealed work and

could
have been lighted on the
three wire system without
any material changes.
The whole of the work done
by the Edison Wiring Co. and
recently by their Successors
The Edison United Mfg Co. at
Mr. Edison's house was
solely and exclusively due
to the employment of improper
material and defective methods
of wiring by yourselves.
And I now beg to inform
you that I have notified
The Edison United Mfg Co.
that, on Mr. Edison's behalf
I shall make a claim against

[illegible] first class wiring [illegible] was not considered to be an [illegible] service.

Third. [illegible] attempt to throw the responsibility upon the standard [illegible] requires no comment. [illegible] the Bureau was organized about a year after [illegible] did the work at Mr. Edison's house.

Fourth. If the wiring had been properly done in the first place, using good insulated wire and running wires separate instead of bunching them together, the house could

against
you for the work which they
have performed, and for
the work performed by the late
Edison Mining Co, at Mr.
Edison's house;

Yours truly

Private Secy

April 8

The Edison Manufacturing Co
No 65 Fifth Ave
New York

Dear Sirs:

The late Edison Wiring Co. performed certain work in connection with the wiring of Mr Edison's house in Llewellyn Park, bills for which we have not yet received. Since taking over the business of the Edison Wiring Co you have presented bills for certain work which like the former has not yet been billed against us.

The whole of the work above referred to was made necessary on account of the gross negligence of the Edison

Messrs
Noll Bros. who preceded the
Edison Wiring Co., in connection
with the working question.
Our Inspector reports as follows:-
"The class of work done at
"Mr Edison's house by the
"Noll Bros. is one of the
"worst jobs of "Skin" work
"I ever experienced"
As the Edison Wiring Co. assumed
the business of Messrs Noll Bros.
and you are the successors
of the former, I beg to notify
you that I shall on behalf
of Mr. Edison make claim
against you for the whole
of the work done by yourselves
and the Wiring Co.
I advise you thus

thus
early so that you may
be enabled to protect yourselves
in the discharge of
obligations you may incur
to Chesrs Coll Bros. in the
liquidation of the Edison Wiring
Company's business.

Yours truly

Private Secy

apl 16/ 8

Chas F Dilke Esq
Penna R.R.
Jersey City, N.J.

Chy dear Mr. Dilke:

Accept my thanks for your letter 13th inst. in regard to the Phonoplex.

I am very pleased to learn that it is giving such good satisfaction on your wires.

If you are going to use a gravity battery in place of the Electropoin I would suggest that you use the Watson Cell which is much stronger than the Callaud. I should

would
like to see the operation
the attachment for refr
and you show it to
here at my Saloon
If so come over
afternoon, when
also the
new

Apl 17 8

A.B. Dick Company
#152 Lake St
Chicago Ill

Dear Sirs: I beg to acknowledge receipt of your letter 14th inst covering draft for Nine Hundred Three and 03/100 Dollars ($903.03) being amount due me for royalty on Mimeographs and Supplies from Jan 1/88 to 1st inst.

Thanking you for the Same

I am Yours very truly

Thos A Edison

Apl 19th 8

Jno Burke Esq,
Llewellyn Park
Orange N J

Dear Sir: In reference to my letter of Yesterday enclosing bill for Your Electric Light Installation I was not aware that you were to have the benefit of a discount on the cost of mains and proportion of cost of feeder.

Mr Edison has this morning instructed me to make a discount of 15% on these amounts which makes the cost of your Main and feeder $ 3078 05 instead

instead
of $3621 76/100. Credit memo is
enclosed herewith for $ 343 18/100
With this correction, the whole
of the work has been billed
to you at actual cost to
ourselves.

Yours truly,

Private Secy

April 19th 8

The Edison Machine Works
Schenectady
N.Y.

Dear Sirs:

In reference to your letter 6th inst. which has been awaiting Mr Edison's attention. He says that the Magnetic pendulum experiment was necessary in order to obtain certain data in connection with Dynamos and Transformers.

The experiments conducted prior to January 1st were made on your behalf and with the exception of the balancing bar (which Mr Edison says is very valuable) are

being continued. It was quite
proper for us to carry forward
the charges against these experiments
from last year as the arrange-
ment with the Machine Works
is that they shall pay for
their own work.
Had the amounts not been
billed against you at once
they would ~~have been~~ be charged
when the improvements are
turned in to your works.
This would mean carrying
a portion of your work
in process, a suspense
acct, which is not desirable.

In regards to explaining Exactly what these experiments are, and what bearing they have upon your business, We would suggest that your Chr Friend obtain this information from Chr Edison the next time he is in Orange. It is difficult to get Chr Edison to dictate a full report upon each one.

We will see that you have credit for any material charged against Your experiments that may be sold as scrap or used again in Connection with other work.

We return herewith our bills under date March 29/88.

April 8

J. Hutchinson Esq
The Edison Shackwds
19 Ely St Newroad

Dear Sir:

I enclose herewith certain correspondence relating to an Electric Light Plant in Egypt, which the persons interested seem to be in a position to purchase immediately.

Sir Edison is free to do business in that Country

Yours very truly
Jonesberry Laugh

participate in dividends until
they are over twenty-five
per cent on Entire Capital
No bonus or Commissions
given to anybody. Company
only organized & advised as has
no stock lots on to the
sold less than par Two hun
dred shares & more sold at par
Every dollar put into Machine
and Buildings Boilers Engines
on removal of par Service of
Printers at his Financial time

Apl 26 8

Gouraud Norwood

Hunsred thirty five thousand
total required erect and fill
factory and leave enough for
current Business. A deferred
share equals a regular share
after regulars receive twenty
five percent Only sixty four
thousand deferred issued and
placed in trust and they receive
nothing in liquidation.
This leaves me ninety two
thousand and for sale hunsred

forty four thousand Have
already sold thirty thousand
of these. If you take balance
of regular shares will ~~[illegible]~~
divide profits on deferred
with you Money must be
deposited in Newyork subject
to draft of Company during
May June July August
cannot enter into contracts for
buildings without cash in bank
This Factory is essential for
general success of operating Companies

Edison

Albany 8

Dr E Eugene Cromwell 25th St
Cor 5th Ave
New York City

Dr Cromwell:

We have just incorporated the "Edison Phonograph Works", a manufacturing company which has the exclusive right to manufacture Phonographs and Phonograph supplies for the whole world. I will have the contracts here on Monday and if you care to look into

The matter you could see them at my Laboratory, or I could have my Private Secretary call upon you in New York at such place as you may appoint.

I have thought that you might wish to become interested, with a few others of your acquaintances.

Yours truly

Thos. A. Edison

May 21/ 8

Sam'l Lucas Esq
Schenectady N.Y

Dear Sir: In reference to your telegram re compound to which I have replied stating that we are preparing it, our water tests in connection with same show high insulation, and it gives no flame. I have two men who are thoroughly instructed in the preparation of this material. It will be

necessary for you to make it in Schenectady - The process is dangerous, liable to fire, and you therefore will require a separate building about 25' x 50'. If there is no spot on your own property which you consider sufficiently isolated you can locate it some where else in the town.

In about ten days I will send you all data in regard to this business

and give you a sketch
of the arrangement, and
correct dimensions of the
building. I will let you
know when the compound
goes forward.

Yours truly

Thos A. Edison

"Cable" May 14th 1888

Gouraud
Norwood

Hamilton could sail any time but holding him for latest and important improvements had public exhibit here great success will cable you soon when he can go

Edison

May 11th 8

J. F. Gleason Esq.
Newark N.J.

Dear Sir

I take pleasure in being able to say that after a thorough test on my three boilers of your Magneto Electric Low Water Alarm, that the same works in the most satisfactory manner, and I deem it a most practical and desirable safeguard, against the ever present danger of insufficiency of Water.

Very truly yours

Thos A Edison

May 22nd 8

German Natl Bank
Newark N.J.

I enclose herewith check for '5000"/$ dollars which please place to my credit

Yours truly
Thos. A. Edison
Mitch

May 23rd 8

John Crane Esq
Schenectady N.Y.

Dear Sir

I beg to enclose you herewith samples of Parchment paper from the Patterson Parchment Paper Co Paterson N.J. and I think it beats Crane's Paper. I find Crane's paper has glue in it, and the samples enclosed are exceedingly tough and I think will take Oil well and costs fifteen cents per pound in sheets any size. You had better send for a lot and try it and it may make a great saving.

Take a piece of each (Crane's and Patterson Parchment Paper Co) and wet them and try the toughness of them

Yours truly
Thos. A. Edison

June 21 8

Messrs Bergmann & Co
292 Ave B
New York City

Dear Sirs: I enclose herewith My 76
Note at three (3) months for $ 31.76
being the amount due You
on Open A/c together with
amount of Your advances on

Experimental A/c to date. I
upon mature consideration I
have concluded to dispense
with Your remittances in the latter
Connection, and take this opportunity
of refunding such monies as
You have already subscribed.

Yours truly T. A. Edison

June 4

Wm Jarvis Esq
Lakewood Italy NY

My dear Jarvis: On Friday last, in response to an invitation from the Editors the President and several of the Directors of the Germania Club, N. Jersey, visited the Fatherland. I met them at the depot and escorted them to the Fatherland where we had a fine lunching lunch spread for them. They were shown

all through the Laboratory after which Mr Edison entertained them in the Library with the Phonograph. They were all delighted with what they saw — particularly the President who says he is coming out again very soon with some more of his friends.

Yours truly

W. H. Meadowcroft

I thought you might be interested in learning the above !!

Jones 8

Saml Insull Esq
Schenectady
N.Y.

Sydney Insull: I have had a talk with Mr Edison in regard to insulation and you are in error in supposing that nothing has been accomplished. He says that he has a compound which is both fire and water proof and he gave instructions while I was talking with him to have a quantity prepared for you as quickly as it could be got ready.

He wants your opinion in regard to making a number

off Heath to Prince and the Parliamentary
the Prince the Queen off Prince Maddox
- Northcross. Which is to be Collection in
Hampden off mile the Mountains Thirds
off Unsolicited Service in the Market
Then in write the Boroughs to Come
as all and due the Heath - Mark third
of Service Journals be Commissioned the
Inspectorate and from Vessel come
in Journals as Your Remarkable
alone could stand the Orchard
there Cross the Court One Impressions
Left in the Hands of the Members
of the Board.

Mr Robinson Commander
Chair of Albany one Journal to

the Laboratory the occasion
will be diverted of the business
element which around surrounds
it were the test made anywhere
else. Let us hear from you
We the whole.

June 17 8

George Westinghouse Jr Esq
Westinghouse Electric Co.
Pittsburg Pa

Dear Sir:

I have received your letter under date 7th inst. in regard to a recent conversation which I had with Doctor Moses.

When the Doctor introduced his subject I found myself in a position which now appears to be the same as that occupied by himself – namely, without the necessary authority

authority
which would render a discussion
of the questions of any practical
value to your Company or the
Edison Electric Light Company.

My Laboratory work consumes
the whole of my time and precludes
my participation in directing
the business policy of the latter
Company - and when matters
connected therewith are brought
before me I can only refer
them to the Officers authorized
to deal with them.

Thanking you for

Mr. Edison

Your kind invitation to visit you in Pittsburg I am

Yours very truly

Thos A Edison

13th July 8

H. Bergh Esq.
President of the Society for the
Prevention of Cruelty to Animals.

Dear Sir

I have lately been trying various experiments on dogs with a view to finding how great a pressure and quantity of electricity it takes to kill them, with the view not only of determining the physiological data the question involves but also to arrive at the best means of safeguard to the lives of men engaged in electric lighting business. I already know how much current is required to produce instant death within certain rough limits that I am desirous of narrowing. Can you therefore aid me to obtain some goodsized animals for the purpose of completing these experiments as early as possible. If so you will greatly oblige

Yours very truly.

Thos A Edison

Cable

Aug 30th 8

Gouraud Norwood

Strongly urge you authorize me to arrange with Connery for Mexico His connections very highest Impossible to form better alliance Will fix royalty basis payment New York against bills lading Graphophone active and will preempt territory unless we move quickly Answer.

Edison

Cable

August 8

Gilliland
Care Gourand
Roosevelt

Finish twenty new machines
Monday Will send you
two Gourand four
Edison

Sept 10th 8

A. Miller Esq
Edison Phonograph Works
Orange N. J.

Dear Sir.

I inclose you herewith a letter which I desire you to hand to Mr Edgar D. Price to hand to Mr Batchelor. I have told Mr Price to inquire for this letter at the Phonograph Works.

Please give it to him when he calls.

Yours very truly.

Sept 10th 8

Chas. Batchelor Esq
Edison Phonograph Works
Orange N. J.

My dear Batchelor

The bearer Mr Edgar O. Price is the man whom I told you had seen me in regard to the position of Stock Keeper of the Phonograph Works.

So far as it is possible to tell without actual experience I believe Mr Price to be thoroughly competent to take charge of Stock Rooms, that is the Raw Material room and the Finished Stock room and handle them in a thoroughly efficient manner. He has had an excellent training in the same line, which you will discover after a preliminary examination.

If you desire to engage Mr Price he could enter upon his duties after giving reasonable notice to the people whom he is now with. He wants $1000 per year which is about $19.23 per week; that is just about what we expected to pay for such a man.

Yours very truly

Treasurer.

Sept 10th 8

Isaac McMillen Esq
Akron Ohio

Dear Sir: I return herewith correspondence of Mr. W. Mallory relative to the Akron Iron Concentrating Address to yourself. I have sent Mr. Mallory Mr. Edison's Check for $1000. the same being 1/2 of the latters subscription.

Respectfully

A. Whitney

Walter L. Mallory Esq
#22 West Randolph St
Chicago Ill

Sept 10/ 8

My dear Sir Enclosed I beg to hand You Mr. Edison's Check for $1000.00 the same being 2½% of his Subscription of $40,000 to the Capital Stock of The Edison Iron Concentrating Co.

Yours truly

Private Secy

Encls.

Gurnard
Norwood

Twenty new hand made machines very perfect louder clearer any yet heard governor and adjustments perfect single small cells runs twelve hours factory machines will be more perfect only provided five daily for you but increase this to twenty but increase will have delay of two months

Edison

Sept 10 / 8

Prof. Wm. DeHart, Supt Engl
Mc Elroy Bleckley & Co of Atlanta
Atlanta. Ga.

Dear Sir: I have received your letter of the 9th inst. in regard to Ampere Meters which you desire the Machine Works to make, and the drawings forwarded have also come to hand.

I regret that I cannot assist you in this matter. A peculiar relation exists between the Shops, growing out of a long Standing friendship, and a custom has arisen which forbids one Shop undertaking work recognized as belonging to another. You can well understand that the breaking of this rule might lead to complications

of an unpleasant, if not a serious nature, and I am therefore powerless to grant your request.

Yours very truly

T. A. Edison

Sept 10 8

Saml Insull Esq
The Edison Mach Wks
Schenectady N.Y.

Dear Sir:

Prof. Charles has written Mr Edison asking the latter to intercede in the matter of the Machine Works undertaking the Construction of Amature cutters for the Philada Stations.

Mr Edison has replied to Prof. Charles stating that a custom, growing out of a long standing friendship, has arisen between the Shops which forbids one of them doing work which is recognized as belonging to another, and regretting that he is powerless to render the assistance asked for

Very truly yours

Sept 10 8

Gerrard Norwood

Do you mean that sixty
net for mexico includes
cost of machine and
royalty. Edison

Sept 10th 8

To The Employees
of
Bergmann & Co

Dear Sirs:

Mr Edison asks me to thank you for the kind invitation extended to him to the dinner to be given by yourselves at Newark N.J. on Saturday Sept. 15th 1881.

Mr Edison trusts that the occasion will prove a most enjoyable one and regrets that his engagements will not permit him to accept of your generous hospitality.

Yours faithfully

Private Secy

Dec 10th 8

My dear Kivor:

Here is Mr. Edison's claim on the One Shilling process as granted in his Letters patent No. 228 312 June 1880

"The method of separating magnetic and non magnetic substances which consists in allowing them to fall together and then by magnetic attraction altering or changing the trajectory of the falling magnetic substance and thereby stopping its fall."

Now is that for a broad Claim on the principle? We have other detail patents on the specific.

I thought this information would be interesting to our One Shilling Plunger!

Yours faithfully

Thos. A. Edison

Mech. Expert

Newark N.J.

Sept 20th 8

Mrs Beardsley
434 Clermont Avenue
Brooklyn N.Y.

Dear Mrs Beardsley

I beg to enclose you herewith my check for Ten dollars which I will send you every saturday for six months or until it reaches the sum of ($ 260.00) Two hundred and sixty dollars in all.

It was with much regret that I read the account of your husbands death in the New York Times on Sept 12th 1898. Trusting you are in the best of health I remain

Very truly

Dep 29/ 8

J Hood Wright Esq
New York

My dear Sir: I am going into New York to see you as soon as I can spare the time from my laboratory work to discuss what course we had better take in the Light Company in relation to Pt Jamieson.

In dealing with some pen and ink notes for me he has acted in a way which appears to me, to say the least, very questionable.

I feel that I should explain the affair fully to yourself

Yourself
and your firm and meantime
would suggest that great care be
exercised by the Light Company
in any further dealings they
may have with Mr Tomlinson
as their patent Attorney

I write you on this subject
rather than officially addressing
the Light Company, because Mr
Tomlinson was originally engaged
to act for the Company after I
had seen either you or one of
your partners in relation to
the matter

Yours Truly

Thos A Edison

Sept 28/ 8

S. Benjamin Esq Trustee
Benjamin & Co
Chesterfield

Dear Sir:

C W Heald informs me that you object to his representing the Manufacturing Interests when Mr Robinson makes an examination of Benjamin & Co's books with a view to preparing a statement for the proposed deal with C W Villard.

I think it essential that the Manufacturing Interests should be represented throughout these investigations by one man and I know of no man better fitted for this work than

than
Mr Insull. Of course he
would have the assistance and
advice of your Bookkeep-
ers but I would hardly consider them
(the Bookkeepers) competent to
deal with Mr McClement alone.
You must remember that the
matter is one of Accountancy
and that questions are liable
to arise which will call forth
considerable discussion and that
if such should be the case
some one with ability in such
[illegible] equal to Mr McClement
and who is more conversant
with our business, should
handle the matter on our

our
the halk. I would remind
you that our interests are
identical in connection with
this deal; that the same
principles govern the settlement
with each Shop and that
the results in each case
will be to show as great an
earning capacity as is consistently
possible. I would like to hear from
you on this matter at your
convenience.

Yours truly,

Thos A Edison

Oct 15th 8.

J. L. Reiff Esq.
New York

Dear Sir

I enclose my check No 2981 for $ 1172.70/100 the same being your proportion of the moneys received to date on account of the sale of the Capital Stock of the Edison Phonograph Company.

Further payments will be made you to complete the full amount standing to your credit in this connection, as soon as remittances are received by me.

Please sign the enclosed receipt and oblige

Yours truly,
Thos A. Edison

Oct 15th 8

E. H. Johnson Esq
16 Broad Street
New York

Dear Sir

I enclose my check No 2982 for $5863.00
the same being your proportion of the moneys
paid in to date on account of the sale of
the Capital Stock of the Edison Phonograph Company
Further payments will be made you to
complete the full amount standing to your
credit in this connection, as soon as permit-
taxes, are received by me.

Please sign and return the enclosed
receipt, and oblige

Yours truly.

T. A. Edison

Oct 15th 1

Chas. Batchelor Esq
Orange N. J.

Dear Sir

I enclose my check No 2987 for $1948.50/100 the same being your proportion of the moneys received to date on account of the Sale of the Capital Stock of the Edison Phonograph Company

Further payments will be made, yours to complete the full amount standing to your credit in this connection, as soon as remittances are received by me.

Please sign and return the enclosed receipt and oblige

Yours truly

T. A. Edison

Oct 15th 1

R. B. Dyer Esq
16 Broad Street,
New York.

Dear Sir

I enclose my check No 2984 for $1172.$\frac{70}{100}$ the same being your proportion of the moneys received to date on account of the sale of the Capital Stock of the Edison Phonograph Company.

Further payments will be made you to complete the full amount standing to your credit in this connection, as soon as remittances are received by me.

Please sign and return the enclosed receipt and oblige

Yours truly
Thos. A. Edison

Oct 15th 8

A.O. Keller Esq
Orange N.J.

Dear Sir

I beg to enclose you herewith my check No 2985 for $ 1172.22 the same being your proportion of the moneys paid in to date on account of the sale of the Capital Stock of the Edison Phonograph Company.

Further payments will be made you to complete the full amount standing to your credit in that connection, as soon as remittances are received by me.

Please sign the enclosed receipt and oblige

Yours Truly.

T. A. Edison

Oct. 15th 8

John F. Ott Esq
Orange. N.J.

Dear Sir.

I enclose my check No 2986 for $1172.20 the same being your proportion of the moneys paid in to date on account of the Sale of the Capital Stock of the Edison Phonograph Company.

Further payments will be made you to complete the full amount standing to your credit in this connection, as soon as remittances are received by me.

Please sign and return the enclosed receipt and oblige

Yours truly-

T. A. Edison

Oct 15th 8

D. H. Poppam Esq
Orange N.J.

Dear Sir.

I enclose my check for 2900 for $ 1172.70/100 the same being your proportion of the money paid in to me on account of the sale of the capital stock of the Edison Phonograph Company.

Further payments will be made you to complete the full amount standing to your credit in this connection, as soon as remittances are received by me.

Please sign and return the enclosed receipt and oblige

Yours truly.

Thos. A. Edison

Oct 25th 8

Samh Insull Esq
Schenectady N.Y.

Dear Sir.

I enclose my check No 2980 for $ 4690.13/100 the same being your proportion of the money paid in to date on account of the sale of the Capital Stock of the Edison Phonograph Company.

Further payments will be made you to completethefull amount standing to your credit in this connection as soon as remittances are received by me.

Please sign the attached receipt and return me as soon as possible and oblige

Yours truly
Thos A. Edison

Dec 16th 8

Wm Pelzer Esq.
% Messrs Dyer and Selby
40 Wall street.
New York

Dear Sir

Please deliver to Colton Express the following which is at 40 Wall street and belongs to me. and greatly oblige.

1 Table
1 Water Cooler
1 Small Case
1 Picture of New York
1 " " San Francisco
1 Umbrella Stand
6 Arm Chairs.

Yours truly
Thomas A. Edison
A.

Letterbook, LB-027

This letterbook covers the period November 1888-January 1889. Most of the correspondence is by Edison and Alfred O. Tate. The letters relate primarily to the phonograph and the talking doll. Other material pertains to the construction and furnishing of the West Orange laboratory; the Edison phonoplex system; and the recall of Edison's agent, Osgood S. Wiley, from the United Kingdom. Some letters deal with phonograph company stock transactions and with Edison's financial assistance to his brother, William Pitt. There is also a list of Edison Lamp Company stockholders. The spine is stamped "Letters." The book contains 1,006 numbered pages and an index. Approximately 30 percent of the book has been filmed.

Chron/ 8

John S. Begg Esq
Edison Elec Ill Co
16 Broadst
N.Y.

Dear Sir: By request of the Edison I enclose herewith certificate of stock No. 35 of the Edison Machine Works for One Hundred Shares in favor of Thomas A Edison and endorsed by him transferable to yourself. Please acknowledge receipt and oblige

Yours truly

Private Secy

Nov 13/ 8

W. N. Oiler Esq
No 15 Astor Place
New York

My dear Sir: When I last saw you at Mr Edison's house we spoke of some memoranda which had been given to yourself or to your brother, with relation to the chilling in England. I do not think my files are complete in this respect - that is, I have not copies here of all Mr Edison's memos.

Will you please have made for me duplicates of every thing which was handed you by Mr. Edison, or handed to your brother, and send the

Same to me as early as
practicable. In case you have
to write to England for any
of this data, please do so
by Wednesday's Steamer, 11th
inst. I wish to know the
exact nature of the proposition
made so that we can conduct
this end of the business
intelligently.

Yours truly,

Sincerely

Nov. 4, 189[illegible]

Mr. C. S. Wilgy,

Dear Sir:-

We have received your recent letters in regard to Ore Milling. They were, of course, written before you had received Mr. Edison's letter under date Oct. 29th, in which he stated to you that he did not desire a public exhibition made of the Ore Milling process, and gave you directions in regard to what you are to do in the future in this connection.

With reference to the amount of money which you are to draw monthly from Mr. Dredge, the amounts which we mentioned in our letter to Mr. Dredge dated Oct. 26th, were six pounds per week for expenses and twenty pounds per month for salary; but I find that you have made an arrangement in the office here to pay your wife Ten Dollars per week out of your salary. We were not aware of this arrangement at the time of writing Mr. Dredge, above referred to, and the amount which you are to draw monthly as salary is twelve pounds instead of twenty.

Yours truly,

Private Sec'y.

Mrs. Edison,-

I enclose herewith Certificate No. 68 of the Edison Phonograph Works, for thirty shares capital stock, in your favor. The money for this stock, $3,000, was handed to me by Mr. Edison. Kindly acknowledge receipt.

Yours truly,

Edison Phonograph Works

By [illegible]

Nov. 13, 88.

The Edison Lamp Co.,
Harrison, N. J.

Dear Sirs:-

Please send immediately to Mr. Edison's house one bdl. of 16 c. p. lamps. I think the voltage is 105. From the marks on [redacted] lamps that I saw there, I was unable to tell definitely whether they were 105 or 103, but you doubtless have a record of the volts that they use.

Yours truly,

Private [redacted]

Nov. 13, 19..

Col. Geo. E. Gouraud,

Dear Sir:-

I have received your letter of 16th ult. in regard to patents, and I observe that you treat Mr. Hardingham's communication as a final settlement of the discussion, which it by no means is. Mr. Hardingham is correct so far as he has gone, but he has not considered the whole of the facts. I enclose copy of a letter from Messrs. Dyer & Seely, which, together with such correspondence as has already been sent you, should enable you to form a very clear idea as to the true effect of short term patents on my U. S. patents. Please make careful note of Messrs. Dyer & Seely's statement as follows:- "The prolongation of the Portugese patent after the issue of the United States patents has no effect upon them, for the Courts have held that what controls the term of the United States patent is the term for which the foreign patent was originally granted, and not the term to which it may subsequently be prolonged."

I am surprised to hear from Mess. Dyer & Seely that you have

d. M. G.

(2)

neglected to furnish them with dates and numbers of all foreign patents which you have obtained. I would have asked you to send this information direct to me had I not understood that you had arranged to keep my patent attorneys fully posted with respect to foreign patents, thereby enabling them to advise me intelligently.

You have characterized my letters on this subject as "rather warm," and I am prepared to say that they have done but simple justice to my feelings. I feel sure that certain of my U. S. Phono. patents would not to-day be limited to a life of five years had you in your correspondence paid more attention to the important details of your work in progress, and kept me properly advised in regard to what you were doing.

I wish you would take immediate steps to establish a regular system between your office and that of my patent attorneys, with the view of furnishing them with a complete record of applications, grants &c. in foreign countries.

Yours truly,

November 14, 1888.

The Edison Phonograph Toy M'f'g. Co.,

Lowell C. Briggs, Esq., Treasurer,

Boston, Mass.

Dear Sir:-

The Edison Phonograph Works, if they receive a proper order under contract, could be ready on January 10th, 1889, to furnish you with toy phonographs for dolls, similar to sample shown to-day, at the rate of five hundred per day. This capacity can be doubled every six weeks.

The estimated cost of the toy phonograph, put inside a properly made doll, is, as near as we can come at it at present, ninety-seven cents.

Yours very truly.

EDISON PHONOGRAPH WORKS.

By [redacted]

President.

Nov. 14, 88.

James R. Lippincott, Esq.

160 Broadway.

New York City.

Dear Sir:

I enclose herewith copy of a letter which I addressed to the North American Phonograph Company on 9th instant, asking them to place a phonograph at Mayor Hewitt's disposal when he visited London. I received a reply stating that I should hear from the Lord Mayor of London. I also enclose a letter which I have received this morning from Mayor Hewitt, which explains the reason of his visit to Mr. Lippincott on Monday. If the North Am. Phono. Co. had responded, as they no doubt intended to do, that they would be unable to accommodate me in this respect, I would have invited Mayor Hewitt to the luncheon. Kindly return Mayor Hewitt's letter to me.

Yours very truly,

W. K. L. Dickson

Nov. 14, 88.

Messrs. Strong & Trowbridge,
25 Stone St.,
New York city.

Dear Sirs:-

In response to your Letter of 12th inst., Mr. Eitzman is not prepared yet to furnish phonographs for China. We have not got our agencies properly organized.

Yours truly,

Private Sec'y.

38

Nov. 14, 88.

Iconoclast Publishing Co.,

[illegible] St.,
New York City.

Dear Sirs:-

In reference to your letter of 12th inst. to Mr. Edison, stating that you would like to publish a portrait and sketch of his life, I will be very glad to give you what assistance I can in the way of obtaining the necessary data for your article and provide you with a photograph of Mr. Edison. The best way of course for you to get a representative portrait, before making an appointment to meet me, when I can place in front of him all the printed matter which we have collected bearing upon Mr. Edison's life, and allow him to make such extracts as may be of use to you.

Yours truly,

Thos. A. Edison

You, I presume, mean an article to be entered for copyright. Mr. Edison never attached his name to anything about it.

Jesse A Lippincott
No 160 Broadway
New York

Thank you I will be very much obliged if you will do so 1.50

Feb 15th 1888 Thos A Edison

Nov. 15, 88.

M r. E d i s o n,-

I beg to acknowledge receipt of Mr. Edison's Machine Works stock (4,841 shares), which you sent me 12th instant. I transferred One Hundred shares, and put the balance (4,741 shares) in the safe. Shall I send the certificates back to you again?

For your information I give below a list of the certificates and the amount of stock represented by each:-

Number	Shares	
35	100	Transferred to Jno. I. Beggs Nov. 12, 1888.
36	100	
37	100	
38	100	
39	100	
40	100	
42	4,241	
	4,841	

Y o u r s t r u l y,

4 ¥ $0
25 D.

Nov. 13, 1888.

Jesse H. Lippincott,
160 Broadway, N. Y. City.

Dear

"Thank you, I will be very much obliged if you will do so. Thos. A. Edison."

Nov. 15, 88.

Jesse H. Lippincott, Esq.,
160 Broadway, N. Y. City.

rec'd. of your

"Shall I send to Mayor Hewitt and make appointment to send Miller with phonograph to his office? Jesse H. Lippincott."

[illegible], 1[illegible].

Dear Sir, Hewitt,-

I received your letter in regard to your visit to the office of the [illegible] Phonograph Co., [illegible] and I [illegible] that you [illegible] have been taken up to my purpose. [illegible] the result of some misunderstanding. I have just received a telegram from Mr. Isaac H. Kaplenbrook, President of the [illegible] Co., asking me if he should send a photograph to your office, with one of his men, so that you could take a record there. I have replied, requesting him to ask your permission. It will take up only so much of your time as you may choose in speaking my message that [illegible] to the Mayor of London. I thank you very much for the trouble you have already taken, and hope I am not presuming too much upon your kindness in making this further request.

Yours very truly,

Thos. Alva Edison

Thos. Alva Edison.

Nov. 15, 88.

Messrs. Arnold, Constable & Co.,
New York City.

Dear Sirs:-

I enclose herewith check to your order for $937.50, in payment of interest on mortgage. Please acknowledge receipt of same and oblige

Yours truly,

Thomas A. Edison

Nov. 16, 88.

Nov, 18, 88.

Messrs, Dyer & Seely,

New York City.

Dear Sirs:-

I desire to ascertain the exact state of Mr. Edison's phonograph patents in Canada, and how soon it will be necessary for us to commence manufacture there. For how many years from the date of the patents can we import without prejudice to our patent rights, and if there are a number of patents on the phonograph, which one of these is the proper one to date from with respect to calculating the length of time during which we can send phonographs into Canada? Kindly give me very full information.

Yours truly,

Private Sec'y.

New. N.Y. Co.

My Dear Mr. Frank,-

I have your note of 14th instant.

Mr. Maguire is at present in the West, and we have done nothing further with him in the matter of his contract for China and Japan. I hope something will be arranged soon, as we are succeeding to get orders from China for phonographs.

Yours truly,

Private Secretary.

Chas. H. Frank, Esq.

Nov. 16, 88.

My Dear Lathrop,-

The day before yesterday I . Redpath came to the Laboratory, on behalf of Mr. Rice, to try and obtain Mr. Edison's signature to the articles which you are writing. I had a talk with Mr. Edison about it again, but he would not agree to sign the articles, on the ground that it would appear egotistical. I told Mr. Redpath that, if your articles had been prepared and I could have given them to Mr. Edison for perusal, he might after reading them have agreed to sign them. I mentioned this simply as a possibility. If you have not already prepared the articles, I should not advise you to go ahead with them and take chances of not receiving Mr. Edison. My suggestion to Mr. Redpath was based upon the supposition that your articles were already prepared.

Yours very truly,

Private Secty.

Nov 17/ 8

Geo. Parsons Lathrop Esq
New London Conn

My dear Lathrop. I am trying to place a date when certain business was transacted by Mr Edison in connection with which you can assist me. You will remember being at the laboratory one day during the summer past, and having a long conversation with me in regard to "drop Nickel" Phonograph affairs. Messrs Tomlinson Gilliland and Lippincott were out from the same day and we could not get at Mr Edison

on that account. That is the day I am trying to locate on the calendar. Can you name the date: If not can you tell me if it was before or after the 28th day of June.

Kindly let me hear from you as soon as possible

Sincerely Yours

Dear Miss Shine,-

In reference to your letter of [illegible] to Mr. Edison, the Phonograph Works do not require any more girls at present. They expect to increase their force [illegible] of [illegible] and when that time arrives your name will be given favorable consideration. Your letter has been referred to the Superintendent of the Phonograph Works.

Yours truly,

Private Secty.

Miss Mary E. Shine,
20 Meade St., Orange, N. J.

Nov 7/ 8

Augusta Ms Lapierre

[illegible]

[illegible] I was [illegible]
[illegible] was [illegible] I could
[illegible] [illegible] [illegible] through me
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]

January 8

N. A. Rolling Esq
New Brunswick
New York

Dear Sir

My friend Mr. Hallowell, the bearer who owned the lands in Long Hollow on which building has taken place on a title given $1000 when which think the claims were first in the foundation to make, owing to it being necessary to go deeper than was anticipated when the plans were made, in order to strike a good bottom.

at the time [illegible] all was [illegible]
local in [illegible] of the works
Mr. Taft, who [illegible] an inspection for
has given [illegible]
about 26000 [illegible]
this letter number [illegible]
computation refusing [illegible]
number. [illegible]

Claim and I wish to do him justice
at the same time having no desire
to pay for a danger- murderer of Brian
than was actually made.
Have you any records which will
enable you to address me in the
Matter. Awaiting your kind reply
I am

Yours obedt.

Thos A Edison

Perhaps you will my Lawyer mentioned, could
you kindly represented you has
a record of this work

Nov 17/ 8

Dear Friend:
I have to run over to
Philada on phonopleg mat
Board Tuesday.

Mexico

I enclose drafts [illegible] Convention
and Charter — the former in regard
to the articles included with the pleasure
paper in the former quotes from Mexico
1 m x 5 m — and the latter as being
drafted to cooperate with Commissioners
reading of the [illegible]
Express and have [illegible]

I shall be glad [illegible]
advised, as to know [illegible]
and send on [illegible]
Realize [illegible]
on Tuesday / I also enclose a

duept letter to Con very authorizing
him to obtain a commission for
the Mexican government.
It seems to me the what Romero
should really have is a power
of attorney of course making exclusively
to this govt. The exact scope of
his authority as a representative of
these ends, I think, to define with
more certainty in a ~~letter~~ for signature,
drawn, than in a letter.

I have written Dyer Ladd for copies of the
the Phonograph patents explaining how they
are for use in Mexico and stating that
if necessary they be certified by the Mexican
Consul - and then sent to us.

I think this covers every thing

Yours Tate

Nov 17th 8

Messrs Dyer & Seely
40 Wall St
New York

Dear Sirs.

Please send to us as soon as possible copies of all Mr Edison's U.S. patents issued to date in connection with the phonograph.

We have made arrangement for the introduction of the phonograph into Mexico. The gentleman who is to have charge of the business is endeavoring to obtain a concession from the Mexican Government and in making application for this concession wishes to file

Dft

file

the copies of patents above asked for, as exhibits - therefore if any formality is necessary in order to render them useful in Mexico, such as the certification of the American Consul, will you kindly have it attended to, and send us the copies with the necessary certificates attached.

Yours truly,

Private Secy

T. U.

Nov. 18, 88.

Henry Villard, Esq.,
Mills Building, New York City.

our

Mr. Edi[illegible] sign to-day. Will telegraph you to-morrow if he can go to New York Wednesday.
A. G. Tode.

Nov. 19,88.

Messrs. Dyer & Seely,
New York City.

Dear Sirs:-

I return herewith French and German powers of attorney [illegible] executed by Mr. Edison.

Yo[illegible]

A. G. Tode,

M.

Nov. 21, 88.

Col. George W. Goethals.
Castle Wynd, Upper Norwood,
Surrey, England.

Dear Sir:-

I am to confirm the following cablegrams received from you and sent by us:-

BOSTON, MASS.

Nov. 20, 88.

Instal Gibbons Patent Aneroid 20. Shall I order new instruments if so, quick fix name at once. New Observatory is not fit old instrument.

BOSTON, MASS.

Nov. 20, 88.

Send good record from yourself for Mayor's banquet Fourth December.

GENEVA, NEW YORK.

Nov. 21, 88.

Transmitters sent you fit all our instruments, which are duplicates of yours. Do not wait for new instruments. Will express my records immediately.

Yours truly,

Geo. W. Goethals

Nov. 21. 80.

A. E. Potter, Mgr. Gen'l, Sup't.,

Bound Brook Railroad,

Allegh., Pa.

Dear Sir:-

I enclose herewith copy of a letter which I have addressed to General Manager Pugh, with reference to Phonoplex agreements.

While this Company may be prejudiced, upon general principles, against executing agreements, I myself also have a prejudice, based upon more specific grounds, against permitting the use of my inventions without requiring terms to obtain from my former license.

Upon looking to Mr. Pugh's above mentioned, I have referred to the complications which might arise should I introduce this innovation into my machines. In dealing, as I constantly am, with a large number of patented inventions, it is very necessary that I should require the users of those inventions to obtain from me authority for such use. Were I to give this authority to exist simply in the form of a general right to use, it would lay my

A. L. P. (2)

inventions now in my employment or otherwise, I propose that
counsel giving oral authority from me and whose client would
be very materially strengthened here they hope to point to [illegible]
actually using my inventions under such verbal authority.

If the agreements which my Secretary left with Mrs. Hapgood
properly record your understanding of our arrangement, I wish you
would be kind enough to have them executed and one copy returned
to me for my files. If they do not accord with your understanding,
I will be glad to entertain any suggestions which you have to make.

Yours very truly,

Thomas A. Edison.

Nov. 21, 88.

Charles E. Pugh, Esq., Asst. Manager,

Pennsylvania Railroad,

Philadelphia, Pa.

Dear Sir:

With reference to the attached copy of a letter from Chas. E. Pugh, Esq., Asst. Manager, Pennsylvania Railroad, I sent my Private Secretary to [illegible] see you in regard to Phonoplex agreements, but was very much disappointed that you did not see fit to go on to Altoona and see Mr. Edison.

I understand from correspondence we have had with Mr. Pugh that the question of the Phonoplex contracts to which you object is that they are binding you to recognize the validity of the patents. In order to meet this formality which I am quite willing to waive, and my Secretary left with Mr. Robinson, to be forwarded later on to you through Mr. Pugh, a copy of the agreement from which the section above referred to has been expunged, and which covers the material points of the understanding that at present exist between myself and your Company, but which had not yet

...tial recognition.

...[illegible] ...ntains a number of patentable features,
...[illegible] ...ntirely satisfactory as to ... of my
...serious to assert that the extent to ... is ...
...titled ... the use of them should be recorded in some tangible
form, and it appears to me that your Company would ... to secure
its own interests by placing on record its right to ...
which will be more valuable to it as time goes on.

I do not insist upon the execution of these agreements for want of faith that any verbal understanding I may have with you on behalf of your Company will be fully carried out; but because arrangements of this character are irregular, and in my business at least ... and because the establishment of such a precedent would serve to strengthen the position of others with whom I may negotiate in the future and to whom I may not have the same amount of confidence. To permit the use of my inventions ... desiring to make similar arrangement ... to obtain from me ... can easily understand, lead to very serious complications ... might furnish sufficient grounds for some one to attack my ... to the inventions in question.

I would point out that the agreement which will be presented to you makes provision that the instant your Company ceases to use my inventions, all obligation to me is ... that is, the agreement is active only so long as ... benefit

W. E. P. (5)

Complex System of Telegraphy.

Yours very truly,

Thomas A Edison.

Copy.

Phila., Pa., [illegible] 1903.

A. O. [illegible], Esq.,
Vice President,
No. 42 Wall St., N.Y. City.

Dear Sir:-

Noting your favor of the [illegible] after going over the matter [illegible] Manager in reference to executing the agreement of which you spoke, we thought [illegible] be enter into an agreement of this kind, as there were several points about it which we did not [illegible] committing the Railroad Company in any [illegible]

I do not see that this [illegible] mutually with yourselves, are very glad that there is such a system which can be advantageously [illegible] and [illegible] want our wishing to [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Nov 20/ 8

E.H. Johnson Esq President
Edison Electric Co
New York City

Dear Sir: I beg to acknowledge receipt of your letter 19th inst notifying me that your Patent Litigation Committee could not accept the proposed agreement between the Shops and the Light Company in regards to bringing new suits on patents, which was presented by Mr. Dyer.

Yours truly

Thos. A. Edison

[illegible]

[illegible]

I am in receipt of [illegible] and in reply, I
[illegible] from the Edison Phonograph Works
[illegible] construction and operation of [illegible]
[illegible] to receive any one whom you may [illegible]
[illegible] moulding and test rooms at the Factory will be

Thomas A. Edison

Nov. 22, 83.

Arion Singing Society,
Saenger Halle,
Newark, N. J.

Dear Sirs:-

Your letter of recent date has been duly received. Mr. Edison will be very pleased to see the members of your Society at the Laboratory on Sunday, December 2d, any time after two o'clock p. m. If it would be convenient, we would like very much to have a double solo quartet visit us before Dec. 2nd., in order that we might have a small trial before taking the whole chorus. We will send you some time next week a number of passes which will admit the members of your Society to the Laboratory. Kindly let us know the number of gentlemen you expect to come here and we will issue passes in accordance therewith.

Yours very truly,

A. Theo. C. Haagenmann

PHONOGRAPH DICTATION.

I have your note of even instant. I return herewith a letter which I have received from Mr. George Parsons Lathrop, in regard to the day upon which Mr. Edison, Mr. Gilliland, Mr. Tomlinson and Mr. Kingsbury were together at the Laboratory. You will see that Mr. Lathrop fixes the date of this conference on June 21st. He also speaks of a subsequent interview between the same parties on the 22d or 23d day of June. I think we should attend to the latter. It appears from his letter that the only reason he has for believing such an interview took place was Mr. Parsons' statement, made the day before, to the effect that the persons named would come to the Laboratory.

In regard to the letter which you sent Mr. Lathrop, addressed to "The Star" office, I am quite sure that he did not receive it.

Yours very truly,

Copy.

New London, Nov. 18, 1888.

My Dear Tate,-

This morning brought me your letter of yesterday, the 17th, asking if I can fix a certain date in June - the day when I was at the Laboratory and talked with you at length about the "drop nickel" or "amusement" phonograph; and when Tomlinson, Gilliland and Lippincott were closeted with Mr. Edison. My reference to bills and other papers, I am able to fix the date almost exactly. I was in New York only twice in June. The first time was from June 6th to June 13th; and the 2d time was June 22d and June 23d. This second time I went out to the Laboratory and saw Edison for a few minutes. That was the occasion when he told me there was to be a conference with Tomlinson, Gilliland and Lippincott the next day . . . . . or perhaps he told me the conference was to be later in that same day. I think I ran out to the Lab. again that same day, or the next, hoping to see T., G. and Edison together, but they were then busy with the conference and I did not see any of them. . . . . I did not go to the Lab. again until the other day (Oct. 20th). Now this June 22d or 23d may be the date you are looking for; but it is not the time I had the long talk with you, which you refer to, while waiting for Edison to get through with T., G. and Lippincott. That time was during the previous visit, between June 6th and June 13th. I find that I wrote to Mrs. Lathrop from the Glenham on the morning of June 13th. . . . . I had been expecting a despatch from you about meeting with Edison, G. & T., but as it didn't come, I paid my hotel bill and left on the 13th. I find a despatch from you dated June 14th, and sent to the Glenham. . . . . As this is dated the day after I left it must have been sent on to me by mail from the Glenham. All this fixes the time when I was at the Lab. and talked with you; for I remember I stayed in N. Y. only a couple of days after that, waiting to hear further from you. As you may recall I was urging that the parties in interest to the Amusement Co. should meet and consult; and as they were all on the ground then, I wanted a time fixed for such consultation. After a long while Edison, T., G. and Lippincott came out. Edison said he would consult at any time when G. & T. would. . . . . I could not get anything arranged, so I left on an understanding with you that you would let me know at the Glenham as soon as a consultation could be had. After waiting two days in N. Y., I became convinced that G. and T. were not going to allow any consultation to take place, and so I ran back to New London on the 13th. This makes it almost certain that the day when I was at the Lab. was Monday, June 11th. (I think the conference with Lippincott that day was the first one that had been held). The later time was Friday June 22d, or Saturday June 23d, or both. On one of those days there was a conference of Edison, T., G. and L.; but that was not the day when I had the talk with you. . . . You asking me whether the time was before or after June 28th makes me think that the date you are trying to place may possibly be that one of June 22d or June 23d. . . . (Signed) C. P. Lathrop.

Francis R Upton, Esq.

Harrison.

With reference to Article 4 of the revised contract between the Edison Electric Light Co. of Europe L'td., the Cie. Continentale Edison and Thomas A. Edison, I find that the following provision in that respect to the power which Mr. Edison is to offer to the Cie. Continentale Edison:-

> "Mr. Edison undertakes to offer to the Cie. Continentale Edison in the countries in which it has the right to work, patents of new inventions which he may make relating to electric light and the transmission of motive power."

You will see how Mr. Edison's Pyro-Magnetic Generator is covered by this provision. The contract states very clearly that Mr. Edison is to offer his inventions relating to the transmission of motive power. The Pyro-Magnetic machine is a generator of motive power. If Mr. Edison had taken out patents on a method of transmitting power, it would come under the provision of Article 4

P. & O.

(2)

of the above agreement, and to the extent does not relate to transhipping. I cannot see how the French Company has a right to it under the above agreement.

Do you consider this a fair point for argument?

Yours very truly,

Mex. 22, 89.

Thomas A. Edison, Esq.,

Present.

D e a r S i r :-

I hereby authorize you on my behalf to apply to and obtain from the proper authorities of the Government of Mexico, a concession covering the introduction and sale of phonographs in Mexican territory, and according me such protection in connection with my various inventions relative to the phonograph as the said Government may be willing to grant.

Yours truly,

Nov. 21, 88.

Thomas B. Connery, Esq..
Present.

Dear Sir:-

With reference to the joint letter from Col. George E. Gourraud and myself addressed to you, relating to an agreement which, upon certain conditions, we propose entering into, regarding the introduction of the phonograph into Mexico &c., and in which joint letter the following statement is made:-

> "The price for all phonographs supplied to the Company during continuance of agreement not to exceed the said sum of Fifty Dollars per instrument &c. &c."

it is intended that the amount named - Fifty Dollars - shall cover certain supplies which will be furnished with each phonograph. These supplies are as follows:-

(1) Phonograph Battery.
(2) Battery Cord.
(3) Six Cylinders for Receiving Records.
(4) One False Shell.
(5) One Extra Transmitter.
(6) One Speaking Tube.
(7) One Listening Tube.
(8) One Oil Can.
(9) One Screw Driver.

Yours truly,

Thos A Edison

Nov. 21, 88.

Señor Don V. a Louis Mendez,

City of Mexico.

Dear Sir:-

Mr. Thomas H. Connery has become associated with us in connection with the introduction of the phonograph into Mexico.

This letter is to solicit your kind co-operation with Mr. Connery in furthering the work which he has undertaken.

Thanking you in advance for the assistance which I am sure you can render him.

I am, yours very truly,

Thomas A. Edison

Nov. 22, 88.

Col. George E. Gournaud,
Little Menlo, Upper Norwood,
Surrey, England.

D e a r S i r :-

I have received your letter of 7th instant, in regard to Ore Milling, and asking me the extent to which you should honor Mr. Wiley's drafts. In relation to the former, I have to say that I sent Mr. Wiley to England for the specific purpose of showing my Ore Milling process to Mr. Dredge and any friends whom that gentleman might desire to have see it. I did not anticipate, prepare or wish for a public exhibition of the process. The arrangements which were entered upon to show this process at the Crystal Palace were entirely out of accord with my desires and with the understanding that I had with Mr. Wiley's brother, who, on behalf of Mr. Dredge, induced me to send the machine to England. While I am indebted to you for the interest which you have displayed and your offers of assistance, and also for your kindness to Mr. Wiley, I am not at present prepared to depart from the original understanding which I had as to the extent

to which the Ore Milling process was to be exhibited abroad. Had I desired to make a public exhibition, I am satisfied that no better arrangements could have been made than those which you were about to perfect at the Crystal Palace. I have written both Mr. Dredge and Mr. Wiley, with the view of correcting the misunderstanding which has occurred, and the matter has doubtless by this time assumed its original shape.

In regard to Mr. Wiley's drawing, I have already made an arrangement with [illegible] by which I obtained information regarding Mr. Wiley's [illegible], and who will honor Mr. Wiley's draft [illegible]. It is hardly worth while to [illegible]

[illegible]

Nov. 22, 88.

Dear Mr. Dredge,-

There seems to have been a little misunderstanding as to the object I had in view when I sent Mr. Wiley to England with the Ore Milling machine. The arrangements which were entered into for making an exhibit at the Crystal Palace were not at all in accord with the understanding I had with Mr. W. H. Wiley. It was not my intention to make any public exhibition of the process, but to have it shown to yourself and only such friends of yours as you might desire to have see it. I wrote to Mr. Osgood Wiley about two weeks ago, telling him that I did not wish to have the machine exhibited at the Crystal Palace and instructing him to consult you with regard to where you wish the exhibition to be made for the benefit of yourself and your friends. Mr. Wiley was instructed further by me not to open the boxes containing the machinery until I gave the word that certain matters pertaining to patents, which are not now in proper shape, had been adjusted. As soon as the obstacle in this connection has been removed I will advise Mr. Wiley and also yourself. Meanwhile,

J. D.

(2)

I presume you will arrange facilities for exhibiting the machine in accordance with my original understanding with Mr. W. H. Wiley.

Yours very truly,

James Dredge, Esq.,
35 & 36 Bedford St., Strand,
London W. C., England.

Nov. 23, 88.

Mr. J. B. Everett,
Orange, N. J.-

Dear Sir:-

I have another letter from Mr. Holly. He asks for the depth from the underside of floor beams to the top of concrete foundations, so that by comparing this with the original grade in his office, the extra number of brick can be ascertained. Please furnish me with a plan, showing measurements in accordance with the way in which you claim the foundations were laid. If you cannot furnish these measurements, can you indicate the points where the foundations are stopped? Please let me hear from you, so I can communicate with Mr. Holly.

Yours truly,

Nov. 23, 88.

My Dear Insull,-

At the end of December I am going to close out the Laboratory books for the year 1888, and before that time arrives I want to have our records as complete as possible.

As you know, we have never had on our books a record of the loan which Mr. Edison made to the Edison Machine Works and the various transactions with Drexel, Morgan & Co. in connection with this loan. All this appears on the books of the Machine Works, and I wish you would kindly send me a transcript of the same as soon as possible.

Yours very truly,

Samuel Insull, Esq.,
Schenectady, N. Y.

Nov. 23, 83.

Westman Furnace Company,

35 Broad Street,

New York City.

Dear Sirs:-

I beg to acknowledge receipt of Certificate No. 37 for twenty fully paid shares of the Capital Stock of the Westman Furnace Co., in my name, under date 19th day of November, 1883.

Yours truly,

Thos. A. Edison

Nov. 28, 83.

Mr. Gustave Stromberg, Sec'y.,
Westman Furnace Company,
33 Broad St., N. Y. City.

Dear Sir:-

What was the subscription price to the stock of the Westman Furnace Co.? I refer to the stock which has been issued to Mr. Edison.

Yours truly,

Private Secretary.

Nov. 23, 88.

My Dear Ingalls,-

In regard to financial condition of the Edison Phonograph Works. I have arranged with Mr. Edison to make them a loan, to carry them through the period that intervenes between the commencement of manufacture and the production of completed machines. I estimate that the money so to [illegible] will amount to about twenty thousand dollars. Mr. Edison does not desire to disturb his deposit at Drexel, Morgan & Co's, and it will be necessary for me to consider the amount of $10,000 which the Machine Works owes Mr. Edison on those two notes which we put for you. If you cannot give us cash conveniently, I can use the Edison Machine Works notes. Can you let me have the latter within three or four days?

Yours very truly,

Samuel Insull, Esq.,
19 Day St., N. Y. City.

Nov. 24. 88.

Dear Mr. Lewis,-

In reference to your letter of 23d instant, I have written Mr. Lathrop again, and will have a reply from him in a day or two. I am following up every clue connected with the "apple tree" interview, and as soon as I have any definite information I will write you.

Yours very truly,

E. H. Lewis, Esq.,
120 Broadway,
New York City.

Nov. 24, 88.

My Dear Lathrop,-

In further reference to your letter of 17th instant, it is pretty clearly proven that Mr. Lippincott spent Monday of June 11th in Washington, returning to New York on the morning of Tuesday, June 12th, so that it is not possible you can be right when you state that Mr. Lippincott was at Mr. Edison's Laboratory on June 11th. You fix the date as the 11th by stating that you left on the 13th for home, and that it was two days after you had been at the Laboratory. The question is, may it not have been one day after you had been at the Laboratory [illegible] New York for New London? This would identify the only date Mr. Lippincott was at the Laboratory as the 12th. I am sorry to trouble you so much in regard to this matter, but it is quite important to Mr. Edison.

Yours very truly,

Gen. Parsons Lathrop, Esq.

Nov. 22, [illegible]

Mr. Frank W. Moore,
33 Cook Street,
Orange, N. J.

My Dear Sir:-

We are endeavoring to fix a day in the latter part of May or the early part of June last when certain business was transacted at this Laboratory. I remember that on the day [illegible] the walls of the Edison Phonograph Works had not been erected to a sufficient height to obscure the forms of [illegible] inside of the buildings. I have thought it possible that I might locate the day which I am trying to place by ascertaining from you when work was commenced at the Phonograph Factory and then by calculating the progress which was made, it would bring us within two or three days of the date in question. Will you be kind enough to give me this information as quickly as possible.

Yours truly,

Edison

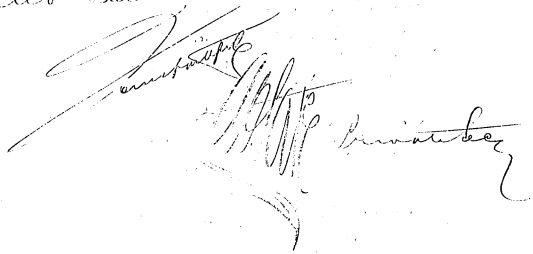
Nov 23rd 8

Edwin A. Fox Esq
No 140 Nassau St
New York

Dear sir: In reply to your letter 23rd inst to Mr Edison, all the papers for Mr Bonney are complete excepting copies of patents. These I expect to receive at any moment. They will bear all necessary certificates to render them useful in Mexico.

Mr Bonney has written for, and I think he should have, a power of attorney authorizing him to apply to the Mexican government on behalf of Mr Edison for such concessions in connection with the introduction and sale of phonographs as that government may be willing to grant. Will

Will
you please prepare such a
Power as you deem necessary
and send the same to me.



168
167

Nov. 26, 88.

C. H. Dennis, Esq., Editor & Publisher,

Saturday Evening Spectator,

Minneapolis, Minn.

Dear Sirs-

In reference to your letter of 17th instant, addressed to Mr. Edison, I beg to inform you that the same has been referred to the Edison United M'f'g. Co., No. 65 Fifth Avenue, New York City, which has charge of the merchandizing of appliances connected with the Edison Electric light, which no doubt will

I notice in your article on Mr. Edison that you refer to his father as having died in 1884. This is a mistake. Mr. Edison's father is not dead; on the contrary, he is a vigorous old man, very much alive, and resides at Port Huron, Michigan.

Yours very truly,

A. O. Tate

Private Secretary.

Nov. 30, 98.

Messrs. James W. Queen & Co.,

Philadelphia, Pa.

Dear Sirs:-

Referring to the Hydraulic Press that you imported for us, the cylinder of which was found to be defective, Have you heard anything recently from the Societe Genevoise in regard to the wrought iron cylinder which they were to send us to replace the imperfect one? We sent you the necessary measurements for this on September 5th last. We want to use this press, but cannot do so until we are supplied with a cylinder. Please do what you can to hasten the delivery of same and let us know when we may expect it.

Yours very truly,

T. A. Edison

Nov. 24, 88.

Compagnie Continentale Edison,

P a r i s, France.

Dear Sirs:-

Your letter of October 16th last, addressed to The Edison Electric Light Co. of Europe, L't'd., in relation to two French patents which were granted me in the year 1887,- namely, No. 167662, under date December 17th, 1887, and Set 69, under date November 22, 1887, has been referred to me for reply.

The first of these patents relates to incandescent lamps, designed to be used in series with one another and to employ currents of high tension. When lamps are used in this way, if the filament of a lamp breaks, an arc is usually formed by the high tension current across the broken filament, which arc will, if it is not checked or broken, continue down the wires into the lamp, through the glass and down into the socket, and so destroy not only the lamp and its socket, but the continuity of the

C. C. E.

series circuit and extinguish all the other lamps in series. The object of the invention covered by the patent above referred to is, to provide a simple and effective form of cut-out for incandescent electric lamps, which will be operated by an arc itself, so as to short-circuit or cut out the lamp and maintain the circuit of the lamps in series with it. Your Company can obtain a more complete description of this device by procuring copy of my French patent, which perhaps you have already done. That your Company were not notified that this patent had been taken out was simply the result of an oversight. It was not offered to any one else, nor did any one ask for permission to use the invention in France, and nothing else occurred to bring the matter to my attention. If you desire to acquire the patent, I should be glad to learn your wishes, when I will prepare a statement of expenses &c. connected therewith.

With regard to the second patent, which relates to motors, Article 4 of the Contract of November 5, 1886, between Cie. Continentale Edison, The Edison E. Lt. Co. of Europe L't'd. and myself, reads as follows:-

"Mr. Edison undertakes to offer to the Compagnie Continentale Edison in the countries in which it has the right to work patents, all new inventions which he may make relating to electric light and to the transmission of motive power."

C. C. E. (3)

The invention covered by the patent last referred to, relates to engines or prime motors. It is purely a generator of motive power. The contract above referred to provides that I shall offer to the Cie. Continentale Edison my inventions relating to the transmission of motive power, and it is apparent that you have conceived a mistaken idea that this last patent covers a method of transmission. If you will obtain a copy of this patent you will find that it does not relate to the transmission of motive power, and therefore is not covered by the treaty of the 5th of November, 1886.

Yours very truly,

Thomas A. Edison

Nov. 26, 88.

Dr. A. Hartzuff,

Fort Hamilton, N. Y. Harbor.

D e a r S i r :-

I beg to inform you that I have this day sent to Mr. Frank Whipple, Attorney &c., Port Huron, Mich., my check for $650.00, drawn to your order, the same being in payment of interest due on the McAvoy note and mortgage now held by yourself, in accordance with statement rendered Mr. W. P. Edson by Mr. Frank Whipple.

Yours very truly,

T. A. Edison

Nov. 26, 83.

Frank Whipple, Esq.,

Port Huron, Mich.

D e a r S i r :-

In reference to your letter under date 15th ult., addressed to Mr. W. P. Edison, in regard to the McAvoy note and mortgage now held by Dr. Hartsuff, which has been referred to me, I beg to enclose herewith check for Six Hundred and Fifty Dollars, drawn to the order of A. Hartsuff, in payment of the interest due on the note and mortgage above referred to. Kindly acknowledge receipt of same, and oblige

Yours truly,

Nov. 26, 88.

My Dear Pitt:-

I beg to inform you that I have this day sent to Mr. Frank Whipple, Port Huron, Mich., Mr. Edison's check for $650.00, drawn to the order of A. Hartsuff, the same being in payment of the interest due on the McAvoy note and mortgage now held by the latter gentleman.

Yours very truly,

Private Secretary.

W. P. Edison, Esq.,
Port Huron, Mich.

Nov. 27, 88.

My Dear Insull:-

We made some experiments recently with an iron ore that was sent us from Allentown, Pa., by Mr. H. K. Hartzell. Samples were sent him of the results which we obtained, and he now writes us under date 24th instant, to the effect that the result of concentrating his ore has been satisfactory, and wishes to know upon what basis he can obtain a concentrator. Mr. Edison suggests that the machine and appliances be furnished at cost, and a royalty charged of 15 cents per ton of concentrates. For your information I may say that, other concentrators can be obtained, more particularly the Conkling process, at a royalty to the users of about six cents per ton, and the question may be asked, why we should be paid 15 cents per ton. In replying to this question we can say that our machine will give three units more iron in concentrates than any other machine. As iron is salable at ten cents per unit, this shows up 30 cents per ton in favor of our machine immediately. The great output of Mr. Edison's process

must also be considered, together with the fact that there are no wearing parts, and the machine requires very little attention and small amount of power. Mr. Edison states that he can furnish a man to instruct Mr. Hartzell's engineer. I have not written Mr. Hartzell, and will do nothing further until I hear from you.

Yours very truly,

A.G. Hale

Samuel Insull, Esq.,

19 Dey Street,

New York City.

187

Nov. 27, 88.

H. H. Holly, Esq.,
111 Broadway,
New York City.

Dear Sir:-

In reference to your letter of 22d instant, if we were able at the present time, without a great deal of expense, to obtain the measurements from the underside of floor beams to the top of concrete foundations we could readily calculate the extra number of brick. The footings are several feet below the ground level, and to obtain these measurements would necessitate digging a trench all around the building. The inspector who had charge of that work at the time the extra brick were put in the foundations must have kept a record of the number of brick used, as he certainly anticipated certifying Mr. Everett's bill of extras, and would not have trusted so important a matter to guess work, nor would he have allowed it to become necessary to trench the building subsequently in order to check Mr. Everett's bill. Kindly look into this matter further and advise us of the result.

Yours very truly,

T. A. Edison

Nov. 27, 1888.

My Dear Russell,-

I have been expecting to hear from you in regard to the data which you have collected relative to land in Orange. Can not you send me a copy of your notes?

I am at present engaged in a dispute with Mr. J. B. Everett, the contractor who did the brick work in connection with this Laboratory. He claims that there were 52,000 extra brick put into the foundations, owing to its having been necessary to go deeper than was called for in the original plan, in order to strike a good foundation. We cannot get at the measurements without digging a trench all around the building, which means an expense of three or four hundred dollars. Mr. Taft, the architect who succeeded Mr. Holly, will only certify to about 28,000 extra brick, stating this latter number to be a liberal computation. Everett is very persistent in his claim, and I want to do him justice. I am therefore seeking information wherever I think it can be obtained. Everett states that you were on the work

J. A. R.

(2)

When these extra brick were laid, and it is his opinion that you have a record of the number.

Please look through your books and give me any information that you think would be of use to me in settling this matter.

Yours very truly,

James A. Russell, Esq.,
217 W. 53d St., N. Y. City.

ter

Nov 27th 88

The Edison Machine Works
Schenectady N.Y.

Dear Sirs: We beg to Notify You that Your Mr. Dumbell on Your behalf, handed us today the following Notes:-

(a) Note under date Nov 30th 88 @ four months - Payable to order of Thomas A. Edison - For Five Thousand Dollars ($5000.) Due April 2nd/89 at the Citizens Nat'l Bank New York City

(b) Note under date Dec 1st 88 @ four months. Payable to order of Thomas A. Edison For Five Thousand Dollars ($5000.) Due April 3rd/89 at the Germania Bank New York City

The above Notes cover the two

two (from like amounts)
notes of yours to the order of
Thomas A. Gadsden which matured
respectively Nov 2nd and Nov 3rd 88
and were paid by us.

Yours &c
Privateer

Nov 28 8

E. H. Lewis Esq
Messrs Eaton & Lewis
170 Broadway N.Y.

Dear Mr Lewis: I annex copy of letter from H. W. Moore, together with copy of my letter to him.

The "appletree" interview must have been between the 2nd and 8th of June — we are getting it narrowed down. Will advise you when I reach the end of other trails I'm on

Yours truly

Nov 28/ 8

Chas Barnard Esq
Box 65
Stamford Conn

My dear Sir: I have consulted Mr Edison in regard to the contents of your letter 19th inst.

Mr Edison will be very glad to furnish you with his ideas on the subject which you wish to bring before him. I think the best way to obtain these would be for you to prepare a set of questions and send them here. I could

there obtain Mr. Edison's answers at a time when he could do the matter justice.

I assume that you do not wish to prepare anything for publication over Mr. Edison's signature. He objects very strongly to signing any article about himself on his word.

Yours very truly

A. O. Tate

Bennett Chap

No 2871 8

American Telegraph Works
Chatham St.

Dear Sirs: Your letter of the 10th inst has been received. Sometime ago I required wire, in connection with certain of my experiments, but it becomes so difficult to obtain it that I became discouraged and abandoned the work. I cannot resume these experiments for a year or so. Yours truly,

Thos. A. Edison

Nov. 30, 88.

Col. Geo. E. Gouraud,
Lithia Manlo, Upper Norwood,
Surrey, England.

Dear Sir:-

I enclose herewith copy of a letter which I have rec'd. from Prof. Geo. F. Barker, President of the University of Pennsylvania, in regard to the expedition which was sent out to Assyria by the University of Pennsylvania, and which in order to obtain the object in view, obtained firman from the Turkish Government, granting the right to explore. It appears that the Sultan of Turkey, and the Grand Vizier are very anxious to obtain a phonograph, and if the instruments were presented to them, it would enable this expedition to get a firman from the Sulton. I should like very much to assist this expedition in the way indicated, and have thought you might yourself look favorably upon it from a business point of view. I am prepared to send two phonographs free of charge handsomely constructed and properly lettered, for presentation to the Sultan and the Grand Vizier; also to send an expert to in-

Col. G. M. G.

struct the attaches of the Sultan's Palace in the operation of the machine, provided that you will pay the expenses and wages of this expert from America to Turkey and back again, or, if you require his services, you could keep him in London.

Upon receipt of this letter, if my proposition is acceptable, please cable me the word "TURKEY." If you do not wish to accept it, cable the word "SULTAN."

Yours very truly,

Thos. A. Edison

Nov. 30, 88.

Mr. Jno. Birkinbine,
25 N. E. City Hall Sq., N. Juniper St.,
Philadelphia, Pa.

Dear Sir:-

In reference to your letter of 17th instant regarding a sample of magnetite, you can have this sample sent on to me at once. I will treat it here.

I have received a note from the Association of Charcoal Iron Workers, stating the number of persons who have signified their intention of visiting the Laboratory on Thursday, Dec. 6th. I am arranging transportation &c.

Yours truly,

T. A. Edison

Nov 30/ 8

E.W. Lewis Esq
128 Broadway
N.Y.

Dear Mr. Lewis: Here is copy of another letter from Mr. Lathrop correcting the date of the first Rippinevth interview. He now fixes it as Wednesday June 13th last.

Yours truly,

Frank Lee

Nov. 30,88.

Eugene G. Blackford, Esq., 80 Fulton Market,
N. Y. City.

Dear Sir:-

Will you kindly send me to the above address one pail of Carp. I desire to stock my pond. Twenty-five cents in stamps enclosed.

Yours truly,

Thos. A. Edison

Nov. 30,88.

Mr. John Edison,
Clinton Falls, Minn.

My Dear Sir:-

In reference to your letter of 16th inst. I have much pleasure in enclosing herewith Mr. Edison's check for Fifty Dollars. Kindly acknowledge receipt of same and oblige

Yours truly,

Private Sec'y.

Nov. 30, 88.

John Krue[illegible] Esq.,
Ass't. Gen[illegible]ager,
The Edison Machine Works, [illegible]ctady, N. Y.

Dear Sir:- In reference [illegible] of Nov. 28th, we [illegible]
[illegible] exp[illegible] lating material [illegible]
[illegible]mation.

Yours truly,
Thos. A. Edison

Mr. W. P. [illegible]son, Port Huron, Mich.

My Dear Pitt,- I have a letter this morning from Frank Whipple, acknowledging receipt of Mr. Edison's check for $650, in payment of interest due on mortgage held by Dr. Hartsell on your farm.

Yours truly,
A. O. Tate
Private Sec'y.

Nov. 30, 88.

Messrs. Ives, Blakeslee & Co.,
294 Broadway, N. Y. City.

Dear Sirs:- Your letter of 26th inst. addressed to "The Edison Phonograph Co." has been referred to me for reply. The toy phonograph is controlled by The Edison Phonograph Toy M'f'g. Co., No. 95 Milk Street, Boston, Mass., to which I beg to refer you.

Yours truly,
Thos. A. Edison

Nov. 30, 88

Mr. John Birkinbine,
25 N. E. City Hall Sq., N. Juniper St.,
Philadelphia, Pa.

D e a r S i r :-

I have been requested by the Babcock & Wilcox Company to tell you what I think of their boilers.

We have perhaps 50,000 horse power of this boiler. It is the best boiler God has permitted man yet to make.

Yours truly,

T. A. Edison

Nov. 30, 86.

My Dear Mr. Frazar,-

I am much obliged for your kind letter of November 28th.

I was pretty severely shaken up, but sustained no serious injury and am now all right again.

Yours very truly,

Everett Frazar, Esq.,
124 Water St.,
N. Y. City.

Dec. 1, 88.

Mr. Philip S. Dyer, Agent,
7 Rue de l'Empereur,
A n t w e r p, Belgium.

Dear Sir:-

I beg to acknowledge receipt of your letter Nov. 16th, notifying me that the Micrascope and four extras were being packed and would be shipped at once. Thanking you for the trouble which you have taken in this matter

I am, yours very truly,

Thos A. Edison

Dec. 1, 88.

My Dear Lathrop,-

I am much obliged for your letter of November 25th, re date of Lippincott's visit to the Laboratory. It will assist us materially in our efforts to fix the day.

Yours very truly,

Thank You've fixed it this time

Geo. Parsons Lathrop, Esq.,
New London, Conn.

Nov. 30, 88.

W. E. Hidden, Esq.,
25 Orleans Street,
Newark, N. J.

My Dear Sir:-

I am in receipt of your letter of 15th instant, enclosing an extract from "The American Journal of Science," embodying your article on a new mineral which you have discovered and named "Edisonite."

I send you this letter in acknowledgement of the compliment you have paid me, and also to congratulate you upon the success which has attended your investigations.

Yours very truly,

Thos A Edison

Nov. 30, 88.

W. E. Hidden, Esq.,
25 Orleans Street,
Newark, N. J.

Dear Sir:-

In further reference to your letter of 15th instant, I am unable at the present moment to offer you permanent employment, but I can give you a position which would occupy your time for a couple of months, at the salary you name, say $166.66 per month, in addition to which I would allow you $4.00 per day to apply on expenses. Should you decide to entertain this proposition, come and see me any afternoon.

Yours truly,

Thos A Edison

[illegible] 2, 1[illegible]

Mr. J. W. Lattig, Sup't. [illegible]

Lehigh Val[illegible]

[illegible], Pa.

Dear Sir:-

In reference to the attached, the condensers which you paid $10 for were those made for us by the Edison Machine Works, Schenectady, N. Y., or by J. H. Bunnell, N. Y. City - I am not sure which. The Machine Works made a very good condenser, but we did not buy a sufficient number of them to warrant them in continuing the business. Bunnell's condensers were thoroughly bad, and therefore expensive at any price. Marshall makes an excellent condenser, which we have no hesitation in recommending, and charges us $12 instead of $10. Therefore the bill for reconstructing your condenser is $2 less that the price of a new condenser, the difference just about representing the value of the box. We pay the same,-that is $10 for all condensers which Marshall reconstructs for us.

Yours truly,

Electrician.

Dec. 3, 88.

F. L. Bitler, Esq.,

U. S. Association Charcoal Iron Workers,

Philadelphia, Pa.

Dear Sir:-

In reference to your letter of 28th ult., addressed to Mr. Edison, I will communicate with you to-morrow concerning certain arrangements which we are making for the reception of the members of your Association.

Yours very truly,

Private Secretary.

Dec. 3, 88.

Sylvester Baxter, Esq.,
Ledgewood Terrace, Murray St.,
Malden, Mass.

Dear Sir:-

In reference to your letter of 30th ult., I beg to say that Mr. Edison is still working at the phonograph, perfecting certain details in connection with the transmitting and receiving of sound. Our phonograph factory is working on, and has turned out a large number of all parts, excepting the receiver and transmitter. We expect that Mr. Edison will furnish models for the latter within three weeks' time, when their manufacture will be immediately commenced, and very shortly thereafter we will be able to assemble machines. Mr. Edison has borne in mind his promise to furnish the Hemenway Archaeological Expedition with a number of the first phonographs turned out of the factory, and asks me to say that he will reserve three of these instruments, as you request. It will be quite impracticable to let you have these instruments before January. You can rest

assured that you will not be overlooked when we receive the first lot of instruments from the factory.

With relation to the phonograph in Germany, Col. George E. Gouraud, Little Menlo, Upper Norwood, Surrey, England, has control of the business in that country, and all arrangements for merchandizing the instruments would have to be made through him.

Yours very truly,

Private Secretary.

Dec. 3, 28.

Mr. James F. Graham,

City Editor, NEW YORK WORLD,

My Dear Sir:-

At the suggestion of Mr. Rosenfeld, I shall be happy to see that you get one of the first dolls we shall manufacture in reciprocation for the kind attention you have paid Mr. Edison in the columns of the WORLD. I cannot, however, say at this present moment when these will be completed and on the market, for the invention is still in process of perfection. I hope, however, to favor you as soon as the first dolls are ready.

Very truly yours,

Private Secretary.

Dec. 3, 88.

My Dear Insull,-

Mr. Fox, on behalf of Mr. Connery, has written to say that the latter is very anxious to get the provisional contract for Mexico, which has received the necessary certificates, and also the letter in regard to supplies which accompany the phonograph. I presume there is no objection to giving him these. Let me know immediately if you want them held for any purpose.

Yours very truly,

Samuel Insull, Esq.,
19 Dey Street,
N. Y. City.

[TRANSCRIPTION FOLLOWS]

Edison Lamp Company
Distribution of Stock
Dec 4th 1888

[TRANSCRIPTION]

No. 5	William Holzer	3	shares
No. 17	Thomas A. Edison	58	"
No. 18	P. S. Dyer	1	"
No. 19	Jno. W. Howell	1	"
No. 20	Rosanna Batchelor	4	"
No. 22	Lucy Upton	1	"
No. 25	R. L. Cutting	5	"
No. 27	F. R. Upton	25	"
No. 28	John W. Lawson	1	"
No. 21	Charles Batchelor	1	"
		100	

Edison Lamp Company
Distribution of Stock
Dec. 4th 1888

A O Tate
Secy.

Dec. 4, 88.

My Dear Seely,-

I had a conversation with you the other day, in regard to an arrangement which would permit Col. Gouraud to take out patents in short term countries without interfering with U. S. patents. Col. Gouraud has not yet a proper understanding of the effect of these short term patents on our U. S. patents, and he either cannot or will not grasp the subject. We will simply have to arrange to take care of ourselves, and I have, therefore, addressed a letter to your firm, asking you to write fully how the matter should be arranged. You ought to outline a comprehensive system which would provide for your being kept posted on all Gouraud's movements with relation to patent matters, so that at any time you would be in a position to tell Mr. Edison exactly how his patent affairs stand, both in this country and all other countries. If you will furnish me with the details of such a system, I will see that Co. Gouraud puts his part of it in operation and keeps it up.

Yours truly,

Private Sec'y.

Dec. 4, 83.

Messrs. Tennant & Co.

N. York City.

Dear Sirs-

I am in receipt of your favor of 30th ult
enclosing bill for $2.02½. Representing the
cost of flowers furnished for the
I have to thank you for the
shown me in this matter

Yours

Thos A Edison

Dec. 5, '88.

Col. George E. Gouraud,
Little Menlo, Upper Norwood,
Surrey, England.

D e a r S i r :-

In reference to your letter of 3d ult., Mr. Edison is making a phonograph one-eighth the size of the regular machine. It will be complete in every respect. We will send you a photograph in a week or two.

Yours very truly,

Private Secretary.

Dec. 5, 88.

R. W. Raymond, Esq.,
Sec'y., Am. Institute of Mining Engineers,
P. O. Box 223, New York City.

Dear Sir:-

Mr. Edison asks me to say in reply to your letter of 1st instant that he will be very glad to entertain the members of your institute at his Laboratory on February 20th, in the way you suggest. A paper on Mr. Edison's Ore Milling process will be prepared, to be read on that day, and the machine will be in running order, so that the members may witness a practical test.

Mr. Edison asks me to say further that he will be very glad to become a member of your institute.

I will communicate with you later in regard to the details of the arrangement which we will make for transportation &c.

Yours truly,

Private Secretary.

Dec. 5, 1888.

J. H. Vail, Esq., Gen'l. Sup't.,
Edison Electric Light Company,
New York City.

D e a r S i r :-

In reference to your letter of 1st instant, enclosing copy of a communication from Lockport, N. Y., asking as to the durability of copper wire for arc light circuits. My opinion is, that if the arc current is a continuous one, the copper itself will last indefinitely. If alternating currents are used, it will probably become rotten, by reason of crystalization, in a few years.

Yours very truly,

Frank Bachelor

Dec. 5, 88.

Wm. H. Wiley, Esq.,
13 Astor Place,
New York City.

My Dear Sir:-

I have your letter of 3d instant, enclosing order from your brother, O. S. Wiley, for $25.00. I note your request that we make this amount $28, and enclose herewith Mr. Edison's check for the latter sum, which kindly acknowledge.

I am going to see you the first time I am in New York. I have not been in the city for several days.

Yours truly,

Private Sec'y.

Dec. 6, 88.

Mr. Edison,-

In reference to the attached, Messrs. Seeger and Guernsey are issuing an Encyclopaedia of the Manufactures and Products of the United States. They want from you an article on the late advances made in electrical science. This could be written if you desire. It should deal with the general progress of electrical matters, and need not refer specifically to your own inventions. I mention this, because they want the article to appear above your signature.

Dec. 6, 88.

Edwin M. Fox, Esq.,
140 Nassau St.,
New York City,

Dear Sir:-

In reference to your letter of 1st instant to Mr. Edison, I enclose herewith a letter under date Nov. 21st, 88, addressed to Thomas B. Connery, Esq., in relation to the parts which are to accompany each phonograph shipped to Mexico. I also enclose the joint letter from Col. Gourmud and Mr. Edison, addressed to Mr. Connery, upon which we have placed all necessary certificates. The day after you were last at the Laboratory, I wrote to our Patent attorneys for certified copies of all patents issued up to that time, and these they have procured. During the past week ten new patents have been issued, copies of which we of course must obtain, and which I have already ordered, and will advise you when they come to hand. I also enclose copy of a letter from Senor Luis Mendez, under date Oct. 15, 1888, addressed to Col. Gourmud, together with a translation of the decree of President Diaz, issued on Sept. 29th, 88. Will you be kind enough to show

these to Mr. Connery and ask him to explain the significance of the grant. If you consider a personal interview desirable, I will be glad to meet yourself and Mr. Connery at your office any afternoon you may name.

I omitted to state above that I also enclosed a letter addressed to Senor Don Lic Louis Mendez by Mr. Edison, asking that gentleman to co-operate with Mr. Connery in connection with the introduction of the phonograph.

In relation to the dimensions, weight &c. of the boxes in which phonographs will be packed, I am obtaining the information from the Edison Phonograph Works. We cannot state as yet what the cost of the various supplies, which are to be hereafter furnished will be.

Yours truly,

Private Sec'y.

Dec. 6, 88.

John H. Turner, Esq.

1208 Broadway,

New York City.

D e a r S i r :-

Mr. Edison has received your letter of 34 instant, and is reply desires me to say, that he will be very pleased to have you come to the Laboratory any day next week, excepting Sunday, and play to him phonograph. And to see Mr. Wangemann, who has charge of the musical experiments in connection with the phonograph.

Yours very truly,

Private Secretary.

Dec. 6, 88.

Mr. Frank W. Moore,

33 Cone Street,

Orange, N. J.

Dear Sir:-

I am obliged for your recent letter in regard to the time when you commenced work on the phonograph buildings. Are you sure that the date which you have mentioned is correct? Your contract provided that the first payment was to be made you when the walls were ready for the floor beams. I find that this payment was made on the 7th of June, which leads me to think that you must have started earlier than the 28th day of May. There are other circumstances also which indicate that work had progressed to a greater extent than would appear from your statement, by the 1st day of June. I will be very much indebted for any further information you can give me.

Yours truly,

Private Secretary.

Dec. 7, 88.

Harry Miller,-

Copy Phonograph Agreements as follows:-

(1). Agreement [illegible] Gardner [illegible]d, C. L. Bruce, C. A. Bruce, A. Bruce, and others, dated 26th day of Jan., [illegible]

( ) Two copies, say three full pages, [illegible]

(3) Agreement bet. T [illegible] the [illegible] Phonograph Co., dated 28th day o. [illegible], 1887.

(4) Agency Contract bet. E. T. Gilliland and Edison Phonograph Co., dated 28th day of October, 1887. (You can get this from the Phono [illegible] minute book).

(5). Agreement bet. T. A. Edison and Edison Phono. Works, dated 12th May, 1888.

(6). Agreement bet. T. A. Edison and Jesse H. Lippincott, dated 28th day of June, 1888.

(7). Agreement bet. Edison Phono. Co. and Thos. A. Edison, dated 17th July, 1888.

(8). Agreement bet. Jesse H. Lippincott and North Am. Phono. Co. dated July 18th, 1888.

(9). Agreement bet. T. A. Edison, No. Am. Phono. Co. and Jesse H. Lippincott, dated 1st day of August, 1888.

(10) Agreement bet. No. Am. Phono. Co., Jesse H. Lippincott and Edison Phono. Works, dated Aug. 1, 1888.

(11) Copy minutes of Phono. Co' Directors' meeting, cancelling Gilliland's Agency contract.

(12) Agreement bet. Edison Phono. Co. and T. A. Edison, dated Sept. 11th, 88.

(13) Letter of Thos. A. Edison to Jesse H. Lippincott, dated Sept. 28th, 88.

(14) Agreement of Jesse H. Lippincott with Gilliland, dated Oct. 5th, 1888.

(15) Bond of Indemnity Jesse H. Lippincott to T. A. Edison, dated Oct. 5th, 88.

(16) Agreement bet. T. A. Edison, Phono. Works, North Am. Phono. Co. and Jesse H. Lippincott, dated Oct. 10th, 1888.

(17) Letter of T. A. Edison to Jesse H. Lippincott, dated Oct. 12th, 1888.

(18) Agreement T. A. Edison, Edison Phono. Co., Phono. Works, No. Am. Phono. Co. and Jesse H. Lippincott, dated 12th day of October, 1888.

(19) Agreement Jesse H. Lippincott, No. Am. Phono. Co. and T. A. Edison, dated 30th day of October, 1888.

After you have copied all the Phonograph contracts, then copy Major Eaton's report thereon.

Dec. 7, 88.

Mr. E. Muybridge,
University of Pennsylvania,
Philadelphia, Pa.

My Dear Sir:-

I am very much obliged for the selection of plates of ANIMAL LOCOMOTION which you made for me. I enclose herewith my check for $100 to cover the cost of same.

Thank you for your kind enquiry about my accident.

Yours truly,

Thos. A. Edison

Dec. 7, 88.

Samuel Insull, Esq.,
19 Dey St., N. Y. City.

Dear Sir:-

In reference to your letter of 6th instant, I sent Mr. Connery yesterday the papers he asked for, in relation to Mexico.

Yours truly,

Dec. 7, 20.

My Dear Miss Meyer,-

Mr. [illegible] received your note of last [illegible] and has asked me to reply to it, as he [illegible] time to write himself.

Mr. Edison has some dolls which are learning to talk and which will be [illegible] ready for Santa Claus at Christmas.

It will take longer to teach them to speak correctly than was expected, and they cannot be ready before Easter. You can, however, look forward to having a talking doll when that time comes.

Yours very truly,

Private Secretary.

Miss Mona L. Meyer,
4361 Vista Ave.,
St. Louis, Mo.

Dec. 7, 88.

My Dear Miss Mollie,-

Mr. Edison has received your communication without date, and has asked me to reply to it, as he never has time to write letters himself.

Mr. Edison has some dolls which are learning to talk and which we at one time began to have ready for Santa Claus at Christmas.

It has taken longer to teach them to speak correctly than we expected, and they cannot be ready before Easter. You can, however, look forward to having a talking doll when that time comes.

Yours very truly,

Private Secretary.

Miss E.R. Hocock.
N. Y.

Dec. 7, 88.

Lemuel W. Serrell, Esq.,
140 Nassau St.,
N. Y. City.

Dear Sir:-

In reference to your letter of 6th instant, I beg to say that I have had no advice from the Western Union Telegraph Company in regard to Sextuple interference, without which I do not care to take any action in the matter.

Yours truly,

325 1/2

Dec. 7, 88.

My Dear Insull,-

I have a big bill against the Edison Phonograph Company for experiments up to the 28th day of June last. Mr. Edison's contract with this Company provides that he shall be reimbursed for the cost of his experiments, in consideration of his assigning to them his patents on the phonograph. He has made some assignments (I am not sure that these assignments are complete, but it is intended that they shall be made so), and I think that we should have a meeting of the Directors of the Edison Phonograph Co. and pass the bill, which amounts to $25,046.54. Do you see any objection to doing this?

Yours very truly,

Samuel Insull, Esq.,
19 Dey St., N. Y., City.

Dec. 7, 88.

Messrs. Dyer & Seely,

New York City.

Dear Sirs:-

I enclose herewith Mr. Edison's check for One Thousand dollars, as an advance on foreign Ore Milling patents, which you are about to take out. I will make you a further advance of $1,000 later on.

Yours truly,

Private Secretary.

Dec. 8, 88.

Mr. Gustave Stromberg, Soc'y.,
Westman Furnace Company.
31-33 Broad St., N. Y. City.

My Dear Sir:-

In reference to your letter of 26th ult., the following is a list of payments made by Mr. Edison on account of Westman Furnace Co. stock:-

August 7th	$200.00
Sept. 28th	400.00
Oct. 20th	400.00
Nov. 16th	400.00
	$1,400.00

Yours truly,

Private Secretary.

Dec. 8, 1888.

W. J. Jenks, Esq.,
Edison Electric Lt. Co., Standardizing Bureau,
New York City.

Dear Sir:-

In reference to your letter of 3d instant, we are unable at present to quote any price for the sizes, but hope to do so at an early date. The following are, however, the terms on which Mr. Edison says he will furnish the four reagents:-

1st. Separately in neat stoppered bottles, with the chemical formula cast into the glass.

No. 1. Pure Concentrated Ammonia Water in a 2 oz. bottle	$0.34
No. 2. Pure Ammonia Sulphide, in a 1 oz. bottle	0.50
No. 3. 1/2 oz. Pure Nitrate of Silver in crystals in a 1 oz. bottle	1.00
No. 4. 1 oz. Pure Sulph. Cyanide of Potash in crystals in 1 oz. bottle	0.80
	$2.64

Or the four bottles together in a small wooden portable box $3.60

Yours truly,

A. O. Tate

Private Secretary.

Dec. 10,88.

Messrs. Bergmann & Co.,
Mr. P. M. Klein, Jr. Secty.,
New York City.

Dear Sir:-

I have your letter of 8th instant, enclosing communication from Mr. L. C. Lincoln, Woonsocket, R. I., in regard to phonograph dolls. On Saturday last I mailed a letter to Mr. Lincoln, explaining the situation as regards dolls, and referring him to the Edison Phonograph Toy M'f'g. Co., No. 95 Milk Street, Boston, Mass. I understand that it is the intention of this Company to hold the dolls back for the Easter trade. They were unable to get them ready for Christmas, as Mr. Edison has only just completed his experiments.

Yours truly,

Private Secretary.

Dec. 10,88.

Francis R. Upton, Esq.,

The Edison Lamp Co.,

Harrison, N. J.

My Dear Sir:-

I enclose herewith copy of a letter which I have rec'd. from Cie. Continentale Edison, dated 27th Nov., 1888, in reply to ours of Nov. 12th, 88, inquiring as to the union between the Cie. Continentale Edison and the Swan Companies. You will note their refusal to furnish us with a copy of the contract which they have entered into with the Cie Generale des Lampes. I have not replied to this communication. Have you any suggestions to make?

Yours truly,

Dec. 10, 88.

Francis R. Upton, Esq.,

The Edison Lamp Co.,

Harrison, N. J.

Dear Sir:-

Mr. Edison has received your letter under date 6th instant, relative to sending a phonograph to France, to enable the Founder of the order of the Little Sisters of the Poor to record a message to the members of her order in this country.

There are no complete phonographs at present which would be available for this purpose, but just as soon as the factory commences to turn out machines in quantity, Mr. Edison will be very pleased to do as you request.

Very truly yours,

Private Secretary.

Dec. 10, 88.

Mr. Hamilton,
c/o Col. Geo. E. Gouraud,
Little Menlo, Upper Norwood, Surrey,
England.

My Dear Sir:-

The cylinders of Attorney Gen'l. Webster to Mr. Edison arrived here in a broken condition. All the cylinders which we sent you wrapped up in excelsior and sawdust had records on them, and Mr. Edison fears that you have mistaken them for blank cylinders. He has requested me to write and ask you to have all cylinders which are sent from England to the Laboratory packed in excelsior and sawdust, as that seems to be the only way in which they will reach us in good condition. We packed two cylinders in excelsior and sawdust the other day, threw them out of a three story window and kicked them around for two hours without breaking same. We sent you on Saturday last 30 cylinders, and will express you another lot in a few days.

Very truly yours,

A. Theo. F. Wangemann.

Dec. 10,88.

A. B. Dick, Esq.,
154 Lake Street,
Chicago, Ills.

Dear Sir:-

In reference to your letter of 1st instant, I am conducting experiments on a type-writer, but do not think I can have a machine ready within the time which you name.

In regard to phonograph dolls, I do not think these will be ready before Easter. We had hoped to have them on the market for the Christmas trade, but found it impossible to finish the experiments in time.

Yours truly,

Dec. 10, 88.

Mr. H. A. MacLean,

Edison United M'f'g. Co.,

65 Fifth Avenue, N. Y. City.

Dear Sir:-

In reference to your note of 5th instant, I find that Mr. Edison has never parted with Bermuda.

Yours very truly.

Private Secretary.

Dec. 11, 88.

Dear Mr. Villard,-

This will introduce to you Prof. W. D. Marks, of Philadelphia, whom I suggested to you as a good man to act as your technical adviser or chief engineer of our new consolidated Edison Light Company. Prof. Marks has for years been well known in the scientific world as one of the faculty of the University of Pennsylvania. At the moment he is acting as Supervising Engineer and General Manager of the Edison Electric Light Co. of Philadelphia, which Company, under Prof. Marks' supervision, is erecting what I think may be considered the best Edison Station so far designed, with the object of getting the greatest earning capacity out of the smallest possible investment. Hoping that you will be an favorably impressed by Prof. Marks as I have been

I remain, yours sincerely,

Thomas A. Edison

Henry Villard, Esq.

Dec. 11, 88.

Lewis Miller, Esq.,
A k r o n, Ohio.

My Dear Sir:-

Mr. Edison has read the attached correspondence and asks me to say in reply that, he does not care to write anything for publication. He makes it a rule never to attach his name to articles relating to his own work, and it would not be possible to prepare an article such as the Seeger and Guernsey people desire, without referring to Mr. Edison's efforts in connection with the late advances made in electrical science.

Very truly yours,

Private Secretary.

Dear Mr. Lippincott,-

In reference to your letters of 8th instant, Mr. Edison will be very glad to send Mr. Wangemann (The Professor) over to you on the afternoon of the 18th, to make an exhibition before the Mendelssohn Club. I will have him report at your office.

In regard to phonograph dolls, Mr. Edison has just perfected his model, which is the only standard apparatus that has yet been constructed. He says that he could get three dolls out for you by giving piece work to a couple of men. Before saying to you definitely that these can be gotten ready, I want to see Mr. Briggs, whom I expect will be at the Laboratory to-day. We have several dolls here which talk very well. The trouble with them is that they get out of order very easily. I had a conversation with Mr. Briggs the other day, and he said that if the new model will do what they expect of it, he will be very glad to give his consent to your having the dolls; but he is afraid to let any go out there he is not absolutely sure of. I think that I can arrange the matter with him this afternoon, and will write you further.

Private Secretary.

Yours truly.

Dec 12th/88

German national Bank
Stewart Co.

Dear Sirs: I regret not being able to go to Stewart myself this morning to see your Cashier in regard to the subject of our telephone conversation of yesterday, but will do so later in the week.

I send by bearer two notes of the Redissa Cheshire Woods for $ [illegible] each for discount. The amount which you have now under discount for us is $ [illegible] - which I find you will be relieved of on the 13th and 15th; $ [illegible] on each day respectively.

The notes now sent you will not therefore increase the amount of our accommodation except for a day or two.

James Gowan

Private Secy

Dec. 12, 88.

Dear Mr. Lippincott,-

The work on your phonograph dolls was given out yesterday, and they will be ready for you before Christmas.

As these will be the first turned out and may not be as complete in all respects as those which are to be placed permanently in the hands of the public, we presume that you will use them simply for "family purposes."

Yours truly,

Private Secretary.

Jesse H. Lippincott, Esq.

Dec. 12, 88.

Mr. W. S. Logue,

c/o Mr. Frank Rose,

Nat'l. Transit Co., Oil City, Pa.

My Dear Sir:-

I have received your letters of 10th inst.

The only trouble with the phone repeater which you propose is, that it wont work. In the first place, you discharge your coil before short-circuiting the opposite phone. In addition to this, I do not think you can get sufficient mechanical movement on the top phone diaphragm to work a repeater without the aid of intermediate apparatus.

Yours truly,

Electrician.

Dec. 18, 88.

My Dear Major Eaton,-

I have your note of 12th instant, in regard to phonograph dolls. It would give me great pleasure to comply with your request were I able to do so, but up to the present time I have simply been conducting experiments on these dolls and have not turned out a completed machine. I expect to have a model ready in the course of a couple of weeks, after which the dolls will be manufactured in numbers and you will have no difficulty in getting one.

Yours very truly,

Thos A Edison

Major S. B. Eaton.

Dec. 14, 89.

The Edison Lamp Co.,

Harrison, N. J.

Dear Sirs:-

In your arrangement with Mr. Edison in regard to the Paris Exposition to the effect that, you pay two-thirds of the total expense and Mr. Edison pays one-third? Or does this 2/3 and 1/3 arrangement refer only to Mr. Hammer's salary, the balance of the expense being met by yourselves? Let me know exactly what the arrangement is, so that we can bill you correctly with such expense as accumulates here.

Yours truly,

Private Secretary.

Dec. 15, 88.

Mr. Gustave Stromberg,

Westman Furnace Co.,

31-33 Broad St., N. Y. City.

Dear Sir:-

I enclose herewith Mr. Edison's check for Six hundred dollars, in payment of balance due on his subscription to the stock of your Company. Please acknowledge receipt of same.

Yours very truly,

Private Secretary.

Dec. 14, 88.

Mr. John Birkinbine,
25 N. E. City Hall Sq., N. Juniper St.,
Philadelphia, Pa.

Dear Sir:-

I enclose herewith Mr. Edison's check to your order for $10.50, covering the 21 tickets to Orange which you purchased for the members of the Association of Charcoal Iron Workers on the occasion of their visit to the Laboratory. Kindly acknowledge receipt of same, and oblige

Yours truly,

A. O. Tate.

Private Sec'y.

Dec 10 [illegible]

[illegible]
U. S. Comm[illegible] of Fish[illegible] & Fisheries,
Washington,

Dear Sir:-

I hereby acknowledge receipt from the U. S. Fish Commission, of One Deeon Curr.

Yours truly,

Hiram Ellis

Dec. 18, 90.

Col. George E. Gorrell,
Little Menlo, Upper Norwood,
Surrey, England.

Dear Sir:-

I am in receipt of your letter of 22d ult., in relation to Mexican patents. This matter is receiving attention in this office. You state that you have sent to your Mexican agent, Mr. Luis Mendez, cases 84 and 85, and I therefore suppose that the decree of President Diaz, dated the 20th day of September 1890, granting a ten year patent, relates to these cases, though I have nothing more reliable than inference to go by, as you have not yet sent my attorneys, Dyer and Seely, a list of applications &c., which they have frequently asked for, and which I have also requested you to send. I cabled you this morning to mail the data immediately. I cannot understand why it has been delayed so long.

After all the correspondence which we have had on the subject, and after the earnest effort which has been made to assist you to an intelligent understanding of the law of the United States, it is very disheartening to read in your letter under reply the following statement that, "Applications in short term countries may be made in perfect safety to the long term country patents, provided the application for short term countries is made subsequent to the filing of the long term applications."

Further discussion of this matter I consider useless, and I am therefore going to give you in this letter definite and absolute instructions, and I shall hold you strictly accountable for a faithful and rigid adherence to the rules that I desire followed in your work of taking out patents.

From the powers of attorney which have been sent me for signature, I find that you have been taking or desire to take patents in the following countries:-

Cal. G.

(2)

England	Queensland	Tasmania
Victoria	New Zealand	New South Wales
Cape of Good Hope	South Australia	Brazil
Austria	Germany	France
Italy	Spain	Norway
Sweden	Belgium	Turkey
Portugal	Mexico	Peru
Hawaii	Denmark	Argentine Republic
Russia		

For convenience of reference I will number the rules by which you are to be governed from this time forward.

(1)

In countries which grant patents only for fourteen years or longer, you may make application for and take out patents as soon as the cases reach your hands, without awaiting any instructions from me or my attorneys, Dyer & Seely. I understand such countries to be as follows, though you will, of course, correct the list if any of the countries named do not come under the above rule:

England	Queensland	Victoria
New Zealand	New South Wales	Cape of Good Hope
South Australia	Brazil	~~Germany~~
Spain	France	Norway
Sweden	Belgium	

(2)

In countries which grant patents only for terms of less than fourteen years, you are not to make applications for any patents until you have been advised by me or my attorneys, Dyer and Seely, that the corresponding United States patents have been issued and that there is no further objection to your applying for and obtaining patents in such countries. The following is a list of said countries so far indicated by the powers of attorney sent me by you for signature:

Mexico	Peru	Hawaii
Denmark	Russia	

Con. G. (3)

(This rule No. 3 has been modified. See letter to Agencies under date Jan. 30/89 [illegible])

(3)

See above

In countries which grant patents for various terms up to fifteen years, you are not to make application for or take out any patents without paying the fees for the entire term of fifteen years, unless you wait until the corresponding United States patents are issued, and you are notified by me or my attorneys, Dyer and Seely, as provided in rule No. 2. Following is a list of such countries so far indicated by the powers of attorney sent me by you for signature:

Portugal	Turkey	Argentine Republic
Austria	Italy	

(4)

Full detailed information must be promptly sent by you to my attorneys, Dyer and Seely, of all applications which you make and of all patents granted as the result of your applications.

I desire you to follow both the spirit and the letter of these instructions without any further discussion or contention.

There is not the least doubt that certain of my U. S. patents corresponding with your cases 84 and 85, have been limited by some of the short term patents which you have taken out, but in the absence of the information which, according to your letter of 24th November, was to have been sent at once, I am unable to tell which of my U. S. patents have been so limited.

The Mexican patent referred to in the commencement of this letter may, if recognized by the payment of the fee due thereon, limit others of my U. S. patents, but as I am ignorant of the cases covered by this Mexican patent, I cannot make an investigation and will not therefore permit the fee to be paid and the patent recognized until I am placed by you in a position to scrutinize its effect upon my U. S. patents.

I will myself attend to the taking out of future patents in Mexico.

You, of course, have not filed applications in short term countries in connection with Cases 86 and 87 and 88. I say, of course, because I instructed you not to do so.

Oct. 5. (4)

I am particularly desirous that the report for which I have to-day cabled you will show the number of years for which fees have been paid in countries which grant patents for various terms up to fifteen years.

In conclusion, I wish to say that I cannot afford to have my interests in this country jeapordized by your persistent neglect to recognize the way in which the law pertaining to patents is interpreted by the Courts of the United States, and I shall therefore take full advantage of the right which is given me under my agreement with you, to cancel the said agreement, if by your act, the lives of my United States patents are shortened.

Yours truly,

Thos A Edison

Dec. 17, 88.

Mr. W. J. Jenks,
Edison Electric Light Co.,
New York City.

Dear Sir:-

Mr. Edison asks me to say in reply to your letter of 13th instant that the phonograph model battery will supply three amperes for 16 hours, at a mean pressure of 1.9 volts.

Very truly yours,

Private Secretary.

Dec. 17, 88.

Messrs. Dyer & Seely,
New York City.

Dear Sirs:-

I return herewith Col. Gourand's letter addressed to yourselves, under date 15th Nov. last, in relation to patents, after having made a copy of the same for our files. I am very much obliged for your letter of 15th instant on the same subject, and I enclose herewith copy of a communication under date 15th inst. addressed to Col. Gourand by Mr. Addison. In this letter you will see that Col. Gourand has given absolute instructions as to the course which he must pursue in the work of taking out patents. Do you consider that it covers the ground fully? I should like very much to receive any suggestions which you may consider desirable to make.

Yours very truly,

Private Secretary.

Dec. 17, 89.

Callender Insulating & Waterproofing Co.,
Mills Building,
New York City.

Dear Sirs:-

In reference to your letter of 14th inst., Mr. Edison asks me to say that, he desires to test your cable and not your underground system. You have a number of underground systems already which will furnish Mr. Edison with any data he may require in connection with that class of work. What he desires to do himself is to test your cable. I note that you have instructed your factory to send us a sample of about 30 feet.

Yours truly,

Private Secretary.

Dec. 17, 88.

My Dear Russell,-

The data which Mr. Edison wanted to obtain from you in regard to land has not yet been received. You were to have come to the Laboratory several weeks ago, but have failed to do so. Can you not send me a copy of your notes? It is also very necessary that you should submit whatever information you have got regarding the claim which is made against us by Mr. J. H. Everett. If I do not get this information very soon, I will either have to pay Everett a claim which we consider very doubtful or go to Court to defend a suit which he threatens to bring. If you cannot get out here, I will send Mr. Maguire, my Stenographer, to your house any evening to obtain the data. Let me know what evening.

Yours truly,

Private Secretary.

Mr. Jas. A. Russell,
217 W. 53d St., N. Y.

Dec. 17, 88.

Mr. Robt. Gilliland,

Adrian, Mich.

Dear Sir:-

In reference to your letter of 4th instant, it will make great confusion in our books if the order is sent you on the A. B. Dick Co. for them to pay you three-tenths of the Mimeograph royalties. We will remit the amount due you in this connection at the same time that we receive remittances from the A. B. Dick Co.

Yours truly,

Private Secretary.

Dec. 17, 1888.

My Dear Will,-

I have a letter this morning from Mr. Barr, who states that the Society of Canadian Engineers are to have a meeting at the McGill College, on January 17th, at which the Gov. General and most of the principal men in Canada will be present. Mr. Barr has been asked to furnish, if possible, a phonograph, to be exhibited on that occasion, and wants me to assist him. I have replied, saying I would see what could be done. Meanwhile I will not do anything, but wait until you come down here, when you can take up the matter yourself.

Very truly yours,

W. H. Dean, Esq.,
32 Wellington St. East,
Toronto, Canada.

Dec. 17, 88.

Mr. D. Barr,
726 Craig Street,
Montreal, Canada.

Dear Sir:-

I am in receipt of your letter of 17th instant, in regard to meeting of the Society of Canadian Engineers at McGill College on January 17th, at which time you desire to exhibit a phonograph. I will see what can be done about obtaining an instrument for this occasion, and you will be communicated with later on.

Yours truly,

Private Secretary.

Many thanks for Financial report of the Star Ball now lets anything equal to it on the side of the Inquiry Fine

Dec. 17, 88.

Mr. R. E. O'Brien,
Messrs. Lowrey, Stone & Auerbach,
16 Broad St., N. Y. City.

Dear Sir:-

In reference to copies of agreements which you very kindly sent me the other day, I find that the first of these is dated 9th February, 1882. There appears to have been prior to this date an agreement executed by Mr. Edison, as indicated by the following extract:-

"AND WHEREAS, the said Edison has heretofore caused to be granted to the parties of the second part, jointly with himself, all rights under such letters patent which may be enjoyed in the Islands of Cuba and Porto Rico under an agreement that the parties of the second part would organize a Company &c."

The parties of the second part referred to are, Jose F. de Navarro, Grosvenor P. Lowrey and Geo. W. Soren.

I take it that the agreement indicated as above is the fundamental contract in connection with the Spanish Colonial business. I have no copy of it, and I therefore wish you would be kind enough to make one for me and send it to me at your early convenience, together with memorandum of expense.

Yours truly,

Dec. 17, 88.

My Dear Insull,-

Here is a copy of the form of power of attorney which Mr. Fox has prepared for Mr. Gonnery. When Mr. Gonnery was last here I got the impression that he was to make application for a concession from the Government of Mexico, covering the exclusive right to sell phonographs in that country for a term of years, and that he was to file certified copies of our U. S. patents as exhibits. I do not know whether you received the same impression. The fact is, that Mr. Gonnery is going to try and obtain from the Government of Mexico the exclusive privilege of putting phonographs in all or any of the Post Offices or Gov't. offices of the Republic of Mexico. He is not going to obtain any exclusive privileges with relation to Mexican territory, and we therefore have to protect ourselves in the ordinary way by patents I have in my hands at the present time certified copies of all patents which have been issued up to date in the U. S. in connection with the phonograph, 21 in number I believe. The Mexican Government requires certified copies of patents issued in other countries before it will grant patents, and therefore all that is

S. I.

necessary for us to do, is to send these copies to our patent attorney, Mr. Luis Mendez, and have him cover everything that they contain.

I have not spoken to Mr. Edison about this matter, but will do so as soon as I have an opportunity, and meanwhile I wish you to be posted as to the progress of events.

Very truly yours,

Since writing the above I have seen Mr. Edison. He has the same impression as myself. He says OK in regard to patents. I will prepare the Correspondence for Mendez and you will see it before it goes forward.

Dec. 18, 88.

Messrs. Dyer & Seely,
40 Wall Street,
New York City.

Dear Sirs:-

In reference to your letter of 17th instant, regarding my old application No. 172, filed March 10th, 1879, I would like very much to keep this application alive, but it is not possible for me to furnish specimens of the conductors. The apparatus which I used for making these conductors has been dismantled, and it would take me several weeks to find it and put it in shape.

Very truly yours,

Thos. A. Edison
M.

Dec. 18, 88.

W. S. Mallory, Esq.,
Humboldt, Mich.

Dear Sir:-

I have received your letter of 14th instant, enclosing a communication from Mr. C. E. Slapp, in regard to Aluminium, which I return herewith. I have shown this correspondence to Mr. Edison, and he says that cheap Aluminium would be a great thing, but there are more than 20 Companies at it already, and patents are coming out here and in England and on the Continent at the rate of twenty per week.

Very truly yours,

A. Tate

Private Secretary.

M.

Dec. 18, 88.

Mr. W. H. Meadowcroft,
65 Fifth Avenue,
New York City.

Dear Sir:-

Mr. Edison has read your letter of 15th instant, and asks me to say in reply that his new Separator is now perfected and leaves nothing further to be desired.

Very truly yours,

A. O. Tate,
Private Secretary.

Dec. 18, 88.

Col. George E. Gouraud,
Little Menlo, Upper Norwood,
Surrey, England.

Dear Sir:-

I enclose herewith two applications for the Agency of the Edison phonograph in the Hawaiian Islands, one from the H. Hawaiian Pacific Cable Co., and the other from Mr. John I. Sabin, of San Francisco, Cal. I may say that Mr. Sabin has already the Agency for the phonograph on the Pacific Coast. All trade with Hawaii is done through San Francisco, and Mr. Sabin is therefore in opposition to handle the business in those islands to the best advantage.

Very truly yours,

A. Tode,
Private Secretary.

M.

Dec. 18, 88.

SCIENTIFIC AMERICAN,
361 Broadway,
New York City.

Dear Sirs:-

When your artist came to the Laboratory, 10th instant, Mr. Edison was not here, and as he had forgotten to leave word with any one as to the extent to which he desired the apparatus used in killing animals illustrated, we did not know just what facilities to give your representative. Mr. Edison has been consulted, and if your artist did not obtain all that you desired during his last visit, we would be glad to have him come again, when he can make sketches of everything in connection with the above process.

Very truly yours,

A. O. Tate,

Private Secretary.

M.

Dec. 18, 88.

Mr. T. J. McTighe,
"Electrical Review,"
15 Park Row, N. Y. City.

Dear Sir:-

In reference to your letter of 8th instant, I find upon looking further into the matter of phonographic clocks, that Mr. Edison made a contract with a concern a number of years ago, which is still in force. He is therefore unable to negotiate with Mr. Dalzell.

Very truly yours,

A. O. Tate.

Private Secret'y.

M.

Dec. 18, 88.

Prof. David P. Todd,

Amherst College Observatory,

Amherst, Mass.

My Dear Sir:-

I am interested in the subject of your letter under date 24th November. If the apparatus which you suggest I should provide is not unreasonably expensive, I will be very glad to make it. You, of course, would have to furnish me with working drawings. Perhaps you could send these drawings to me now.

Very truly yours,

Albert A. Pelton

A.

Dec. 18, 88.

John I. Sabin, Esq.:

San Francisco, Cal.

Dear Sir:-

When you were last at the Laboratory, you asked me if Mr. Edison could furnish carbon buttons for the Edison telephones which are used on the Pacific Coast. Mr. Edison regrets that he cannot supply you with these buttons, as all his machinery for making them has been dismantled.

Very truly yours,

Private Sec'y.

Dec. 18, 88.

Mr. Sylvester Judd,
Manhattan Life Ins. Co.,
158 B'way., N. Y. City.

Dear Sir:-

In reference to your letter of 10th instant, I enclose herewith Mr. Edison's check for Fifty Dollars ($50), to cover the amount of damage done to your wagon and harness through collision with Mr. Edison's carriage.

Very truly yours,

A. O. Tate

Private Secretary.

M.

Dec. 19, 88.

Col. John A. Cockerill,

My Dear Sir:-

Permit me in justice to the writer on your worthy paper who recently wrote the highly interesting sketch of "The Talking Newspaper" to congratulate the WORLD upon its brilliant achievement in laying before its readers the first account of that new venture. Every mail brings to our notice clippings and extracts from the article referred to: among the journals received this morning which quoted your story being the Troy Sentinel, the Troy Press, the Waterbury Republican, the Reading (Pa.) Times, the St. Paul Press, the Lewiston (Me.) Journal, the Albany Post, the Burlington Hawkeye, the Bellefonte News, the New York Press, and a host of others. This is but another evidence of the growing progress and popularity of your wonderful journal.

Very respectfully yours,

Private Secy.

Dec. 19, 88.

Chas. A. Cheever, Esq.,
13 Park Row,
New York City.

Dear Sir:-

Mr. Edison is preparing an exhibit of all his inventions for the Paris Exhibition of 1889, and desires to show the Railway Telegraph System. He wishes to know if you can furnish him with, say, two complete sets of instruments. Our exhibit is to be made in the American section, where a very large space has been reserved for us in the most central part.

Very truly yours,

Private Sec'y.

Dec. 19, 88.

My Dear Insull:-

In reference to the attached from Mr. Johnson, the tests on the Jamieson battery were only completed yesterday morning. The data was handed to Mr. Edison about ten o'clock, and very shortly afterwards he saw Mr. Jamieson, and gave him a note to be handed to Mr. Higgins. I telegraphed Mr. Higgins yesterday morning that the note had been sent to him in the way stated.

Very truly yours,

Private Secretary.

Samuel Insull, Esq.,
19 Day St., N. Y.

Dec. 19, 88.

Dear Mr. Wiley:-

I have your note of 17th instant. We have made all arrangements for our exhibit in Paris next year. We have placed a man in charge of the whole thing, and he goes over with one assistant, and will procure any further assistance over there.

I have just sent the following cablegram to Mr. Dredge:-

"Ore Milling matters arranged. You can go ahead."

We have fixed up the patent affairs which were delaying us, and Mr. Dredge's tests can now be made as soon as they can get the machinery set up. I sent your brother last night another set of plans, as those he took with him were by accident destroyed.

Yours truly,

Private Secretary.

Dec. 18, 88.

Samuel Insull, Esq.,
The Edison Machine Works,
Sunnyside, N. Y.

Dear Sir:-

I beg to confirm receipt of the following telegram received from you to-day:-

"Your people are sending up a compound which will never answer our purpose. Last year has rubber in it. Why don't they send semi-fluid compound asked for? Both Kruesi and myself saw you at Orange? Stop this and we can apply it immediately. INSULL."

Yours truly,

Dec. 18, 1888.

My Dear Insull,-

Referring to my letter of 23d ult., in which I asked you to kindly send me a statement of Mr. Edison's loan to the Machine Works, and the various transactions with Drexel, Morgan & Co. connected therewith - all of which appears on the books of the Machine Works and of which we never have had any record-, please inform me when I may expect to receive this, as I desire at the end of the present month to close out the Laboratory books for the year 1888, and cannot do so until I am put in possession of the data above referred to. As the month has only two more weeks to run, kindly give the matter your prompt attention, and much oblige

Yours truly,

Samuel Insull, Esq.

Dec. 19, 83.

Ira Miller, Esq.,
Akron, Ohio.

My Dear Sir:-

I have received your letter of 17th instant, and I regret that Mr. Mallory is being embarrassed through the publication in the "Iron Age" regarding ore milling. I have taken steps to prevent any further publication being made until our business is more thoroughly established.

Very truly yours,

Dec. 19, 88

Col. George K. Gouraud,
Edison Machine Works,
Schermerhorn St.

Dear

As soon as the Paris Exposition I have made arrangements for an exhibit of all my inventions, which are to be placed in the Palais de l'Electricité. A very large space has been allotted, and the exhibit of the Machine Works and Edison Company. The exhibit which is to be made will, I believe, be the most complete of any yet attempted. These arrangements, of course, include the phonograph. I will send instruments from here for the purpose and attend to all the details in connection therewith. I have placed Mr. W. J. Hammer in charge of the whole exhibit and he is now engaged in getting together everything which we propose showing. I mention this matter to you in case you may have been considering an exhibit of the phonograph yourself, which, of course, is not necessary.

Very truly yours,

Thos A Edison

I will be glad to consider any suggestions you may desire to make. T.A.E.

Dec. 20, 1.

Mr. Samuel L. Hall, Genl. Manager,

The Edison Machine Works,

Schenectady, N. Y.

Dear Sir:-

In reference to your telegram of yesterday, re insulating compound, we sent you on Nov. 21st last 30 lbs. of material (No. 826) that was meant to be melted and squirted into the cotton covering of the wire.

In your letter of 14th instant you stated that this above material was all right, only that it would not lightly sufficiently to penetrate the cotton thread. Before receiving your letter of 14th inst, we sent you 55 lbs of a material similar to No. 826.

On Nov. 28th we sent you 165 lbs of a material which contained rubber. This latter was not supposed to be melted, but was intended to be masticated and squirted on wire. Your telegram of yesterday evidently referred to this. If it is worthless, you have been somewhat tardy in notifying us of the fact.

We have now a compound that melts to perfect fluidity and

S. I. (2)

will send you some of it in the course of a week.

Very truly yours,

Dec 28 1898

Chas. Powers Stone, Esq
Wall Building
New York

My dear Sir: Yours of the 26th inst. returning papers with Auditor's report of the Board of the Spanish Colonial Fund, has been duly received, and after having made a copy for our files,

I have discussed the matter with the Secretary, who will see you personally or write before the time comes for making a settlement with Ch. Navarro.

I regret that there is no inventory of material on hand in Havana representing

the amount charged against
that Agency of $ 106,730 ⁷⁷/₁₀₀
as a more intelligent statement
of Mr Navarro's claim could
then be made.

Yours truly

Chas Mix

Private Secy

Dec. 22, 83.

Lemuel W. Serrell, Esq.,
140 Nassau Street,
New York City.

Dear Sir:-

In reference to your letter of 10th instant, Mr. Edison has gone to Akron, Ohio, for the Christmas holidays. We will let you know when he gets back.

Very truly yours,

A. Tate

Private Secretary.

Dec. 28, 1904.

E. H. Lewis, Esq.
Messrs. Eaton & Lewis,
1180 B'way., N. Y. City.

My Dear Sir:-

I have not been able to make any real progress in connection with the suit of the "apple tree" interview. I have a memo that the contract for the phonograph buildings was signed about the 14th day of May, and the engineer tells me that work was begun about the 20th of May, the time between the 14th and 20th having been taken up by the men who were grading the property and preparing it for the builders. If Mr. Randolph is correct in his statement that the walls of the Phonograph Works were up about 8 1/2 feet, it would bring the date somewhere between the 25th of May and the 5th of June. This information is not very accurate.

Very truly yours,

A. Tate,

Private Secretary.

Dec. 27, 96.

Francis R. Upton, Esq.,
Treasurer, Edison Lamp Co.,
Harrison, N. J.

My Dear Sir:-

I return herewith letter of Messrs. Storr and Silverman enclosed with yours of 24th instant.

Mr. Edison says that our term about the statements made by S. & S., as to slandering of lamps &c., is so incorrect. Their assertion as to lack of land at that moment, is also wrong, and our higher price is warranted. Mr. Edison says that you had better do nothing just now about the matter anyway.

Very truly yours,

A. T. Tate

Private Secretary.

A.

Dec. 28, 88.

Mr. Henry D. Goodwin, Sec'y.,
Wisconsin Phonograph Company,
Milwaukee, Wis.

Dear Sir:-

Your letter of Dec. 20th addressed to Mr. Edison is at hand.

In regard to the phonograph doll, I beg to refer you to the Edison Phonograph Toy M'f'g. Co., 95 Milk Street, Boston, Mass. for all information concerning same.

In reference to running the phonograph on electric light circuits, to do this the motors would have to be specially wound. There would be no trouble in winding them, however, and when the phonograph is placed upon the market if the public should demand machines that they could run on such circuits, we presume that they will be supplied with them.

Yours truly,

A. O. Tate

Private Secretary.

Dec. 28, 88.

Dear Miss Willard,-

In reference to your letter of October 15th last addressed to Mrs. Edison, which has been referred to us for reply, I beg to say that the phonograph in the United States and Canada will be merchandised by the North American Phonograph Company, #160 Broadway, New York City, and if you desire to purchase a machine, it will be necessary for you to do so through this Company.

Yours respectfully,

Miss Frances E. Willard,
Evanston, Ills.

Dec. 21, 88.

Mr. H. B. Hutchinson,
Agent, Williams Steam Heating System,
O r a n g e, N. J.

Dear Sir:-

Will you please call at your earliest convenience and see our Mr. Fonkes, at the Laboratory, in regard to steam heating.

Yours truly,

Dec. 21, 88.

Mr. Joseph Woodruff,
R a h w a y, N. J.

Dear Sir:-

We would be pleased to have you call at the Laboratory and see our Mr. Fonkes at the earliest possible moment in regard to your steam dagger. Since we have had this here we have been unable to make it work, and unless the steam is controlled and shown in order within the next few days we will be compelled to substitute the use of another make for it.

Yours truly,

Dec. 31, 'd8.

James F. Gretton, Esq.,
City Editor, NEW YORK WORLD.

My Dear Sir:-

Two telegrams were received by us on Saturday afternoon from Mr. M. H. Rosenfeld, one addressed to Mr. Edison and the other to myself, in relation to the phonograph dolls which have been promised you. Mr. Rosenfeld's telegrams, either justly or unjustly, have impressed us with the idea that you consider we are neglecting you. This letter is to assure you that such is not the case. Mr. Edison is conducting in the Laboratory here a series of experiments with the view of bringing out a talking doll which will bear, without injury the treatment that we may expect it to receive when it gets into the hands of the public. The phonographic portion of this doll is all right, but the details of the mechanism have not yet been satisfactorily arranged. Mr. Edison has made a number of models and is now making others. A representative of the Edison Phonograph Toy M'f'g. Co. took three sample dolls from the Laboratory to the Company's headquarters in Boston the other day, and found when t

reaching its destination that the talking which they received in transit had injured them sufficiently to ruin their talking power. We do not wish to furnish you with a doll which is going to live for only a day. Just as soon as Mr. Edison gets a model which is satisfactory, your dolls will be put in shape and sent to you. Trusting that this explanation will convince you of our desire to accommodate you in the matter.

I am, very truly yours,

Private Secretary.

Dear Sir, &c.

M. Dear Insull,-

I have your letter of 27th instant, enclosing a communication from Mr. Frazar's representatives in Melbourne.

I attach copy of a letter addressed by Mr. Edison to the Berlin Company, protesting against their making quotations on Electric Lighting material for China and Japan. I attach also copy of our letter to the Cie. Continentale Edison on the same subject, also copy of the reply made us by the latter Company. The Berlin Company has not yet acknowledged our letter, and if I do not hear from them within a few days, I will write them again. I now add that Mr. Frazar has had copies of this correspondence.

Very truly yours,

Private Secretary.

Samuel Insull, Esq.,

Dec. 31, 88.

Col. George E. Conrad,
Little Menlo, Upper Norwood,
Surrey, England.

Dear Sir:

I have received from Mr. Dredge a statement of Mr. Wiley's account to the 1st of Dec., in which I observe that you are credited with advances to the extent of thirty pounds. I have also received your letter of 13th inst., enclosing a statement of advances made Mr. Wiley to the extent of ninety pounds, the last advance having been made on the 8th of November. Mr. Dredge's account shows a debit against Mr. Wiley of £1-0-0, but he has not given you credit for the additional sixty pounds. We have written Mr. Wiley for an explanation, and as soon as we get the matter straightened, will be glad to have you draw for the amount which you have advanced.

Yours truly,

Dec. 31, 98.

Mr. O. S. Wiley,
The First Avenue Hotel,
Holborn, London, W. C., England.

Dear Sir:-

Mr. Dredge has sent to Mr. Edison an account for the advances of money which the former has made you since you have been in London. I find that Mr. Dredge has advanced you fifty-six pounds. In addition to this, on the same paper is noted an advance made you by Col. Gourand of thirty pounds. Mr. Dredge makes the account up to the 1st of December. By the same mail we received from Col. Gourand a letter enclosing a memorandum of moneys advanced to you as follows:

	£ s. d.
October 11th	20-0-0
October 18th	10-0-0
October 25th	30-0-0
October 30th	20-0-0
November 8th	20-0-0
	£90-0-0

These two accounts do not agree. Mr. Dredge turns in expenses for you to the 1st of December to the extent of £44-19-11. We

which I carry of his account, which shows you to have a balance on hand of £1-0-4. From Col. Gourand's statement you should have on hand an additional sixty pounds, that being the difference between the amount with which Mr. Drodge credits Col. Gourand and the amount advanced you by Col. Gourand in accordance with his own statement. Kindly explain this account so that we can get it straight on our books.

Yours truly,

Private Secretary.

Copy.

December 4, 1888.

Statement of Osgood Wild's account with Mr. T. A. Edison from Sept. 15 to Dec. 1, 1888.

	£	s.	d.
By Cash from T. Bridge	86	0	0
By Cash from Col. Gouraud	50	0	0
	136	0	0

To Expenditure

	£	s.	d.	£	s.	d.
Salary from Sept. 15 to Nov. 1st at £20.0.0	36	0	0			
4 weeks (Oct. 5 to Dec. 1) at £10.0.0	40	0	0			
Carriage charges on Crystal Palace		19	11			
Cash Oct. 11th	1	5	0			
Cash Oct. 22		15	6			
Expenses		4	6			
Paid Col. Gouraud Francs	1	18	0			
Drawings from Crystal Palace to London	1	0	0	86	19	11
Balance				1	0	1.

Dec. 31, 88.

Mr. James Dredge,
35 & 36 Bedford St., Strand,
London, W. C. England.

Dear Sir:-

Your letter of 12th instant to Mr. Edison has been received, and we will be pleased to accept your draft for fifty-six pounds when it comes forward. We observe that the amount with which you credit Col. Gouraud as advanced by him to Mr. Wiley to the 1st of Dec. is thirty pounds. Col. Gouraud, writing us under date 15th Dec. encloses a memorandum of his advances to Mr. Wiley as follows:-

October 11th	20-0-0
October 18th	10-0-0
October 23d	20-0-0
October 30th	20-0-0
November 8th	20-0-0
	90-0-0

It would appear from this that Mr. Wiley has on hand sixty pounds more than is entered upon your statement. We have written Mr. Wiley, asking him to explain the account, so that we can enter it correctly on our records.

Very truly yours,

Dec. 31, 88.

Mr. Joseph H. Taft,

146 Broadway,

New York City.

Dear Sir:-

In regard to the attached correspondence, Harry E. Fairchild was Inspector on the Works during a portion of the time that the Laboratory was in course of construction. He certifies to 2662 cubic feet of extra brick foundation. Allowing 21 brick to the cubic foot, this would make 55,902 extra brick at the time he left the work, and he indicates that there were still more. It seems impossible to get any accurate information on this subject. What do you think of Fairchild's certificate?

Very truly yours,

Private Secretary.

Dec. 31, 88.

J. E. Howison, Esq.,
57 W. 4th Street,
Cincinnati, O.

Dear Sir:-

Your letter of 26th instant to Mr. Edison in regard to Paris Exposition has been received. Mr. Edison has perfected all his arrangements for exhibiting his inventions. Only two men are to be sent from America; all other assistance will be procured in Paris.

Very truly yours,

Private Secretary.

Dec. 31, 88.

Messrs. Dyer & Seely,
New York City.

Dear Sirs:-

I enclose herewith a letter from Col. Gouraud under date 22d November, in regard to Mexican patents; also a letter dated Oct. 15th, addressed to Col. Gouraud by Luis Mendez, together with copy of a Decree issued by President Diaz under date 29th September, 88, granting a 10 year patent to Mr. Edison on the phonograph and phonograms.

I see by your letter to me of 27th instant that you have received from Col. Gouraud a list of foreign patents on the phonograph which he has applied for and obtained. I presume that this list will include the Mexican patent above referred to and that you have obtained from Col. Gouraud information in regard to cases which are covered by this Mexican patent. My idea is that if this Mexican patent is going to limit any important U. S. patent, we should not recognize the former by paying the fee of $150 now due thereon, in which case it would be desirable to include in a future patent, if possible, the material which is covered by the patent that we refuse to recognize. You will of course know

D. & S.

(2)

what is best to do under the circumstances. When you are writing Senor Mendez, I wish you would explain to him the reason why his correspondence has been neglected.

Please return Gounod's letter attached when you are through with it.

Very truly yours,

Private Secretary.

Dec. 31, 88.

L. McCartney, Esq., Sup't. of Schools,
City of Sioux Falls, Dakota.

Dear Sir:-

In reference to your letter of 20th instant, I beg to say that Mr. Edison employs a number of young men in his experimental departments, who are graduates of technical schools. There is no vacancy at present to which the young man you speak of could be appointed, nor am I able to say when one will occur. If he were a first class chemist we might be able to make room for him. What experience has he had in this direction?

Yours truly,

Private Secretary.

Dec. 31, 88.

My Dear Insull,-

Messrs. Drexel, Morgan & Co. advise us that the interest due on Mr. Edison's note, $33,103.14, to Dec. 31, 88, 184 days, at 6%, is $1,017.

Yours truly,

Private Secretary.

Samuel Insull, Esq.,
19 Day St., New York.

Dec. 31, 88.

S. K. Dingle, Esq.,

Consolidated Railway Telegraph Co.,

115 Broadway, New York City.

Dear Sir:-

In reference to your letter of 24th instant, please see Mr. W. J. Hammer when you come to the Laboratory. Mr. Hammer has charge of Mr. Edison's exhibit at the Paris Exposition.

Yours truly,

Private Secretary.

Dec. 31, 88.

E. Fletcher Ingals, Esq.,
70 State Street,
Chicago, Ills.

Dear Sir:-

In reference to your letter of 19th instant, I beg to say that, Mr. Edison is experimenting at the present time with the phonograph with the view of recording the sounds produced by the heart and lungs. These experiments are not yet finished, but the indications for a successful conclusion are very encouraging.

Very truly yours,

Pro Secretary.

W. U.

December 31, 88.

John Krausi,
The Edison Machine Works,
Schenectady, N. Y.

our

"We can make insulation any consistency. Please send us sample of ordinary insulation which you use with underwriter wire and we will return quantity our insulation same consistency. The 160 lbs. sent you can be ground up with spirits turpentine or benzol EDISON LABORATORY."

January 2, 89.

Mr. John Kruesi,
Edison Machine Works,
Schenectady, N. Y.

Dear Sir:-

In regard to the telegram which we sent you in regard to insulation, so far as I can learn here, the trouble seems to be that you have not yet received from the Laboratory a sample of insulation, which, when heated, can be squirted on a wire, and which will soak into the cotton covering and maintain its toughness when cold. I understand that if our men here had a sample of an insulation which you consider exactly right as regards consistency &c., they could duplicate it in our compound. We, therefore, wired you to send us a quantity of your ordinary insulation, which can be used here as a standard of the qualifications we have mentioned.

Yours truly,

Edison Laboratory

[MISDATED. CORRECT DATE IS JANUARY 2, 1889]

602

Jan. 2, 1888.

Friend Brewster,-

I have received your note of 30th ult. in regard to phonograph. Mr. Lippincott's address is No. 160 Broadway, New York City. He is President of the North American Phonograph Co.

Tell Mrs. Brewster that I have not forgotten and will not forget her dolls. Mr. Edison is making a number of experiments, with the view of perfecting the mechanism of these dolls, but up to the present time we have not been able to send any out, but I hardly think they can be ready before Easter. I hope some time to have the pleasure of seeing you in Rochester, and wishing you the Compliments of the Season

I am, yours very truly,

Mr. H. L. Brewster, Sec'y.,
Edison Electric Ill. Co.,
Rochester, N. Y.

Jan. 2, 89.

Dear Mr. Hartwell,-

In reference to your letter of 20th ultimo, to Mr. Edison, the latter being in Akron, Ohio, cannot reply personally, but I think I can give you the information you want. Dr. Lugro has not invented any battery to run the phonograph. I believe that he has a battery and also a motor which the Graphophone people have used in connection with their machine. Mr. Edison's motor is perfect, and his new form of battery all that can be desired, and no change will be made in either of them. I cannot give you definite information as to when the phonograph will be on the market. When you come to Orange, I will be very glad to take you through the phonograph factory, and show you what we are doing there.

Yours very truly,

Private Secretary.

George M. Hartwell, Esq.,

Jan 14th 79

John Kruesi Esq Asst. M.
The Edison Mach. Wks
Schenectady
N.Y.

Dear Sir: Re Insulation

Your letter 2nd inst. together with sample of insulation, rec'd. This sample shows us what must be the consistency of our insulation when melted.

We now want a sample of your ordinary insulating compound, which you have been accustomed to make yourselves, so that we may learn what must be the consistency of our insulation when cold. Kindly forward this immediately, and we will

#2

J.K.

will show results without any delay.

Yours truly,
Edison Laboratory
By

Jan 11 9

Jam. Insull Esq
19 Dey St
Newyork

My dear Insull:

I rec'd today the following telegram of which you were advised by telephone

Mr Edison leaves Akron
Train 8 Erie Road Monday
Morning.

Yours truly

W. O. Gay

Jan 4th 9

Lewis Miller Esq
Akron Ohio

Dear Sir: I have to thank you for your kind reply to our telegram of this morning enquiring as to Mr Edison's return.
I have just sent you another telegram as follows:-
" Please see that Mr Edison
" mails me today three
" checks to my order on
" the Corn Exchange National
" Bank of Cleveland. Very
" necessary these should
" reach me Monday. Advise
" when mailed."
I have communicated with You

Left
your
visit to Mr. Edison
fearing the latter might
overlook my telegram
which is important.
Thanking you again
for your assistance,
I am
Very truly yours
Private Sec'y

Jan 5th 9

John Kruesi Esq
The Edison Machine Wks
Schenectady N.Y.

Dear Sir: We send you today by Express Insulation Sample No: 429 which was prepared for you this morning.

We would like to know your opinion of this sample in respect to the effect of temperature upon it, - that is, if it is sufficiently pliable when cold - also your opinion as to its fireproof qualities.

We are very anxious, and we know you are also, to get this insulation question settled, and if you will make your

J.K.

heads of the matters which we send you promptly, and advise us at once of the result so that we may be guided thereby, we will leave nothing undone here to expedite the matter.

Yours truly,

General Land Office.

By ____

Please refer to Serial No. 11 281 when writing about matters connected herewith.

January 8, 89.

Francis R. Upton, Esq.,
Edison Lamp Company,
Harrison, N. J.

My Dear Sir:-

In reference to the By Laws of the Lamp Company, Section 1 of Article 9 provides that the annual meeting of the stockholders shall be held at Harrison, N. J. on the third Monday of January in each and every year. Article 13 provides that the Directors shall meet at Harrison, N. J. on the third Monday in January of each and every year. At the meeting of the stockholders held 24th day of January, 1888, Section 1 of Article 9 of the By Laws was amended to read "On the fourth Tuesday of January of each and every year" instead of third Monday. I think the intention must have been to amend also Article 13, in relation to the annual meeting of the Directors, so that the Directors would meet on the same day as the stockholders, as heretofore. The amendment, however, was not made. As it stands now, the Directors meeting should be called for Monday, Jan. 21st, and the Stockholders meeting for Tuesday, Jan. 22d, the former being the third Monday of the present month and the latter the fourth Tuesday.

F. R. U.

(2)

I have not permitted the minutes of the Stockholders' meeting held 24th Jan., 95, to be copied into the minute book. The motion amending Sec. 1 of Article 9 was made by yourself, and it seems to me that your intention to amend Article 13 is so apparent that it ought to be embodied in our record of your resolution, and avoid the inconvenience which will otherwise result.

Very truly yours,

Brooklyn. Jan 9th 1889

Saml. Insull Esq
Schenectady N. Y.

Dear Sir

I enclose my check No 1130 for $ 638.45/100
the same being your proportion of the money paid
in to date on account of the sale of the Edison
Stock of the Edison Phonograph Company.

Further payments will be made you to
complete the full amount standing to your credit
in this connection as soon as remittances are
received by me.

Please sign the attached receipt and
return as soon as possible and oblige

Yours truly
Thomas A Edison
A.

Jany 4th 1889

J. C. Riff Esq
New York

Dear Sir

I inclose my check No. 0000 for $ 0.00/100
the same being your proportion of the moneys paid
in to date on account of the sale of the Capital
Stock of the Edison Phonograph Company.

Further payments will be made you to complete the
full amount standing to your credit in this connection
as soon as remittances are received by me.

Please sign the attached receipt and return as
soon as possible and oblige

Yours truly
Thomas A. Edison

Jan 9th 1889

E. H. Johnson Esq
16 Broad Street
New York

Dear Sir

I enclose my check for $ 718.22/100 the same being your proportion of the moneys paid in to date on account of the Sale of the Capital Stock of the Edison Phonograph Company.

Further payments will be made you to complete the full amount standing to your credit in this connection as soon as remittances are received by me

Please sign the attached receipt and return as soon as possible and oblige

Yours truly
Thomas A Edison
per

Jan 9th 1889

R. W. Coffin Esq
Orange N. J.

Dear Sir.

I inclose my check for $ 87.50 the same being your proportion of the money paid in to date on account of the sale of the Capital Stock of the Edison Phonograph Company.

Further payments will be made from time to time in this connection as soon as remittances are received by me.

Please sign the attached receipt and return as soon as possible and oblige

Yours truly
Thomas A. Edison

Jan 9th 1889

R. H. Dyer Esq
c/o Wall Street
New York

Dear Sir

I enclose my check No. 0935 for $ 057.12 the same being your proportion of the moneys paid in to date on account of the sale of the Capital Stock of the Edison Phonograph Company.

Further payments will be made you to complete the full amount standing to your credit in this connection as soon as remittances are received by me.

Please sign the attached receipt and return as soon as possible and oblige

Yours Truly,
Thomas A. Edison

Jan 9th 1889

A. K. Keller Esq
Orange N. J.

Dear Sir

I enclose my check No 4156 for $ 107.12 Cts the same being your proportion of the moneys paid up to date, on account of the sale of the Capital Stock of the Edison Phonograph Company.

Further payments will be made you to complete the full amount standing to your credit in this connection as soon as remittances are received by me.

Please sign the attached receipt and return as soon as possible and oblige

Yours truly,
Thomas A. Edison

Jan'y 4th 1887

John R. [redacted] Esq
Orange N. J.

Dear Sir

I enclose my check No 1137 for $ 87.50 the same being your proportion of the money paid in to date on account of the sale of the Capital Stock of the Edison Monograph Company

Further payments will be made you to complete the full amount standing to your credit in this connection as soon as remittances are received by me.

Please sign the attached receipt and return as soon as possible and oblige

Yours truly,
[redacted]

Jan 7th 1889

Chas. Batchelor Esq
Edison Phonograph Works
Orange N. J.

Dear Sir

I enclose my check No [redacted] for $ 2022.[redacted]
The same being your proportion of the money paid in to date on account of the Sale of the Capital Stock of the Edison Phonograph Company.

Further payments will be made you to complete full amount standing to your credit in this connection as soon as remittances are received by me.

Please sign the attached receipt and return as soon as possible and oblige

Yours truly
[redacted]

P.S.

Also enclose please your check for Telephone Royalty amounting to $ [redacted]

P.E.

Jan. 9, 89.

Lemuel W. Serrell, Esq.,

140 Nassau St., New York City.

D e a r S i r :-

In reply to your letter of 8th inst., Mr. Edison desires me to name January 12th (Saturday), eleven o'clock, a. m., at the Laboratory, as the most convenient time and place for him to begin his testimony in the Dickerson interference. Mr. Chas. Batchelor, c/o Edison Phonograph Works, Orange, N. J., will be the only witness. Kindly let me know if this is satisfactory, and oblige

Yours truly,

Private Secretary.

Jan. 9, 89.

My Dear Insull,-

I notice that certain newspapers have connected my name with an alleged explanation of the scheme of the new Edison General Electric Company. In order that there may be no misunderstanding as to how far I am responsible for these reports, I wish to inform you that a reporter for some Newark paper, the name of which I cannot now remember, came to the Laboratory one day with a report of a consolidation which included the Machine Works, the Lamp Co., Bergmann & Co., the Light Co., Edison Phono. Works and the Edison Laboratory. I did not consider it right to have the Phonograph Works mixed up in the report, and I told the reporter that the Phonograph Works had nothing to do with it, and that Mr. Edison's Laboratory was his private property. I would not give him any information in regard to the rest of his report, and am not responsible for any part of it. I want you to understand this in case any person should mention it to you and connect me with it.

Yours very truly,

Samuel Insull, Esq.

Jan. 9, 1889.

Messrs. Dyer & Seely,

New York City.

Dear Sirs:-

I am in receipt of your letter of 8th instant, in regard to the Mexican patent question, and have consulted Mr. Edison as to the advisability of recognizing the two Mexican patents by the payment of the fees due thereon, which, I understand from your letter, amount to $300. Mr. Edison thinks that as the U. S. applications which correspond with these two Mexican patents are not important, we may as well secure the latter by paying the fees. The amount should be telegraphed to Mr. Luis Mendez. I could arrange to telegraph it, but I think it would be very much better to have all business of this kind pass through your hands. I do not wish to open up any direct correspondence with Mr. Mendez, but desire to conduct our business with him through yourselves. I will send you a check to-morrow on account of bills of yours which we have in the office. You can proceed at once to take out a third Mexican patent, including all the U. S. Patents that have been issued up to the present time, with

D. & S. (2)

the exception of those embodied in Sets 84 and 85.

Yours very truly,

Private Secretary.

January 6, 89.

R. B. Eastman, Esq.,

Garfield Building,

Brooklyn, N. Y.

D e a r S i r :-

Referring to the matter of the installation of the Edison Electric Light plant in St. Johnsland, about which you inquire, I beg to say that the sole and only representative of the Edison Light in connection with that plant is Mr. Joseph Batchelor, Secretary of the Edison Machine Works, No. 19 Dey Street, New York. The original installation, and all subsequent increases or additions to the plant, are under his control as Agent of the Edison United Manufacturing Company.

Yours very truly,

Thos A Edison

Jan. 10, 89.

Mr. John Krausi,
Edison Machine Works,
Schenectady, N. Y.

Dear Sir:-

We sent you to-day by express sample of insulating compound No. 454B. We would like to know in regard to this sample:

a. Does it become too soft at ordinary temperatures?

b. Does it become too brittle at 32 F., or lower?

c. Is it sufficiently fire proof?

We may say in regard to this sample that it may not prove to be as fire proof as you could wish, but we can improve upon it. It is very much cheaper than sample 420, and very much easier to make.

With reference to supplying you with 300 lbs. of insulating material, we have not the facilities here for making such a large quantity in a short time. It would in all probability require two or three weeks for us to furnish you with that amount of material. What we wish to do is, to strike a compound that will meet all your requirements, and then give you all information in

J. K. (2)

regard to making it, so that you can prepare a quantity at your own works for a thoroughly practical test. This answers your letter of 8th instant.

Yours very truly,

LABORATORY OF THOMAS A. EDISON

Per

Jan 11th 9

German National Bank
Newark N. J.

Dear Sirs

I beg to enclose you herewith the following checks, One from the Edison Electric Light Co for $125.00/100 and the other from Mr. A. O Tate for $25.00/100

Please place same to my credit and oblige

Yours truly
Thomas A. Edison

Jan. 11, 89.

Col. George E. Gouraud,
Little Menlo, Upper Norwood,
Surrey, England.

My Dear Sir:-

I wrote you a few days ago, stating that I was arranging to make an exhibition of the phonograph at the coming Paris Exposition. I had in mind at the time certain details in connection with this exhibit which I was not quite prepared to explain, but which I will refer to more particularly in this present letter. My object in advising you briefly of my intention, was to forestall any preparations which you might have been entering upon in the same direction, as you of course understand, that considering the extent to which my inventions are to be exhibited, it would not be proper to have the phonograph placed anywhere except within my own circle. I have not made any accurate calculation as to the expense which will be incurred in connection with the phonograph exhibit, but I assume that you will share this expense equally with myself. I, of course, refer only to the phonograph exhibit, the benefits to be derived from which will accrue in your interest as well as my own.

Yours very truly,

Jan. 11, 89.

Thomas R. Lombard, Esq., Vice-Pres't.,
North American Phonograph Company,
140 Broadway, New York City.

My Dear Sir:-

I have received your letter of 8th instant, in regard to Mr. J. Ballaran. Mr. Ballaran called on me yesterday, and stated that he desired instruction in the operation of the phonograph. I was not very clearly impressed in regard to his relations with your Company. You doubtless understand that it is Mr. Edison's intention to receive and instruct any men who are sent here by your Company, with the view of employing them afterwards as experts. If you have made such an arrangement as this with Mr. Ballaran, and if you will give him a letter to that effect, we will be very glad to give him facilities for familiarizing himself with the phonograph. I was only able to see Mr. Ballaran for a few moments, and did not understand from what he said that you wished us to carry out the arrangement mentioned above. Yours truly,

Puleston Secretary.

Mr. Edison. Jan. 11, 1889.

Marshall, who supplies us with condensers for Phonoplex System, wrote a letter to you the other day, asking for a testimonial. I replied, stating that you made it a rule never to give letters of that character. He now asks me to give him a testimonial myself, on behalf of the Edison Phonoplex System of Telegraphy. Is there any objection to my doing this?

Jan. 11, 89.

Mr. J. Hutchinson,
Edison Machine Works,
12 Dey St., N. Y. City.

Dear Sir:-

I enclose herewith Mr. Edison's proxy for Ore Milling meeting, 15th inst.

Yours truly,

A. Tate,

Private Sec'y.

M.

Jan. 11, 89.

Messrs. Leonard & Izard,
Room 426, The Rookery,
Chicago, Ills.

Dear Sirs:-

In reply to your letter of 5th instant, enclosing data in regard to life test which is being conducted by the C. B. & Q. Railway Company upon different makes of incandescent lamps, I should like to be kept posted from time to time as this test progresses.

Yours very truly,

Thomas A. Edison

Jan. 11, 89.

Joseph Ansell, Esq., President.
T. C. Sharp, Esq., Secretary.
County Chambers, Corporation Street,
Birmingham, England.

D e a r S i r s:-

In reference to your letter of 18th ult., in regard to an Electrical and Industrial Exposition to be held in Bingley Hall, Birmingham, during the months of August, September, and October of the present year, Mr. Edison desires me to say that it would be impracticable for him to make an exhibit at that time, for the reason that all his apparatus is being sent to the Paris Exposition.

Yours very truly,

A. O. Tate

Private Secretary.

M.

Jan. 11, 1889.

N O T I C E.

No one will be admitted to the store room, except by special permission, and at night, supplies will be furnished through the Night Watchman.

By Order Of

Jan. 11, 89.

Mr. John Krumsi,

Edison Machine Works,

Schenectady, N. Y.

Dear Sir:-

We are sending you to-day two samples of insulation compound, Nos. 439 and 440. In regard to the former, we wish to know if it is too brittle and if it melts sufficiently. In regard to No. 440, kindly inform us if it is too soft, and give us any further information in regard to either sample which you consider may be of use for our guidance.

Yours truly,

June 11, 1.

Mr. W. S. Mallory,

111 W. Randolph St.,

Chicago, Ills.

Dear Sir:-

I enclose herewith my check for One Thousand Dollars ($1,000), in payment of 8% assessment on stock of E. I. C. Co.

Kindly acknowledge receipt, and oblige

Yours truly Thomas A. Edison M.

[ITEM FOUND IN BOOK]

Jan 14 – 1889

Mr Hamilton
271 West 23rd Street
New York

Mr Edison would like to see you on Tuesday or

A. T. E. Vaugemanns

Send
Telegram

June 18, 94.

Mrs. Edison,

We are sending you to day a total of $[illegible] for your approval. Will you very kindly return these to us as early as practicable, as we wish to close our book, for the year 1894, and can not do so until these bills are entered.

Yours truly,

Edison

Jan. 15, 89.

Dear Mr. Hartwell,-

I have your letter of 12th instant. The only description which I have of the phonograph exhibition at the Crystal Palace, London, is the one written up in the "Illustrated London News." I am sending you under separate cover a copy of this journal, which I hope will answer your purpose.

Yours very truly,

Private Sec'y.

George M. Hartwell, Esq.
c/o BOSTON ADVERTISER,
Boston, Mass.

Jan. 15, 89.

J. R. Farnham, Esq., Electrician,
New England Telephone & Telegraph Co.,
50 Pearl St., Boston, Mass.

D e a r S i r :-

Mr. Edison asks me to say in reply to your letter of 1st instant that, if the suspended leaden cables are insulated at the points of support, like an ordinary telegraph wire, we know, both from experiment and calculation, that their electrostatic capacity may be increased as much as 40% by being buried underground, the exact amount depending upon the dimensions of the wire and its electrostatic capacity (in water). By obtaining this, the diameters of the conductor, the insulated conductor, and the covered cable, the increase can be calculated, if the average height of suspension above the ground be given or assumed.

If, on the other hand, the cables are not insulated at the points of support, but find ground more or less through the poles and cross arms, then the difference will be very much less, say

only 5%, depending upon the degree of grounding made. Of course with good ground connection there would be no difference whatever.

Yours very truly,

Private Secretary.

Jan. 15, 89.

Messrs. Dyer & Seely,
New York City.

Dear Sirs:-
I have received from you the receipts for the fourth annuity of French Phonoplex Patents Nos. 173209 and 173210, for which I am much obliged.

Yours truly,

Private Secretary.

734 7

Jan. 15, 89.

Messrs. Dyer & Seely,
40 Wall Street,
New York City.

Dear Sirs:-

I beg to acknowledge receipt from you of three assignments to the Edison Phonograph Company, as follows:-

1. Assignment by Mr. Edison of Patents Nos. 200521 and 227079.

2. Assignment by Mr. Gilliland of Patent No. 393640.

3. Assignment by Mr. Edison of six Patents and twenty-seven Applications, some of which applications have, since the date of signing, become Patents.

Yours very truly,

Private Secretary.

Jan. 15, 89.

Edward P. Thompson, Esq.,

7 & 9 Beekman Street,

New York City.

Dear Sir:-

In reference to your letter of 11th instant to Mr. Edison, I beg to say that the North American Phonograph Company controls the merchandising of the phonograph. Doubtless the reason why you have been unable to get a machine is, that our factory has not yet commenced to supply the North Am. people with phonographs in large numbers.

Yours very truly,

Private Secretary.

Jan. 15, 89.

Samuel Insull, Esq.,
Schenectady, N. Y.

My Dear Sir:-

I spoke to you the other day about our obtaining from the Machine Works, a young man with a fair knowledge of our system of electric lighting, whom we could break in here as a phonograph expert, with the view of employing him, under Messrs. Frazar & Co., in China and Japan. Mr. Edison approves of this arrangement, and says that he will be ready for such a man in about three weeks' time. Meanwhile, will you kindly cast about among your employees and select the kind of man you think we will require. Mr. Frazar says that he does not care to employ a man who is married. I should think that some young fellow, about twenty-two years old, with good address and good habits, is what we want.

Yours very truly,

Private Secretary.

Jan. 15, 89.

Mr. James Dredge,
35 & 36 Bedford St., Strand, London, W. C.,
E n g l a n d.

Dear Sir:-

I have received all your recent letters. Your draft for eighty-seven pounds, four shillings, came forward to-day, and I had much pleasure in accepting the same. I understand now that you are erecting the Ore Milling machinery at Vantines. Mr. Wiley has already acknowledged receipt of a new set of drawings. I am very much obliged for your kind assurance in regard to the phonograph. I have no details at present in shape to send you, but will take advantage of your offer later on.

Yours very truly,

Thos. Edison

Jan. 15, 89.

The Edison United M'f'g. Co.,
65 Fifth Ave., N. Y. City.

Dear Sirs:-

We desire to invite your earnest attention to the matter of Mr. Burke's underground installation, which was laid either by yourselves or the Edison Wiring Co. The lead covered cable which was used has never, for three consecutive days together, ceased to give us trouble since the time current was turned into it, and matters have reached such a state now, that something radical must be done to improve the present condition of affairs. We are preparing, and will send you in the course of a few days, a bill for the amount which we have expended in maintaining this installation, and until we decide upon some method of adjustment, we think it would be better for all concerned that you should not press for a settlement of the amount due you by Mr. Burke, of $614.53. You ought to send some one out here immediately to make a thorough investigation, with the assistance of our Mr. Kennelly, who will show up a condition of affairs that is not very creditable to those who are directly responsible for the same.

E. U. M'f'g. Co.

(2)

It was certainly not intended by yourselves, and we did not anticipate having to keep two men constantly employed in digging up Mr. Burke's premises for the purpose of making repairs. His out door system must now either be properly repaired or we must refuse to supply current from the Laboratory for that portion of his installation. We have two men on this work now, and we will keep Mr. Burke's lights running until you have had an opportunity to take action in the matter.

Yours very truly,

Private Sec'y.

Jan. 16, 89.

My Dear Professor Barker,-

I have received a letter from Col. Gouraud, in regard to the proposed presentation to the Sultan of Turkey, and the Grand Vizier of Turkey. The proposition which Col. Gouraud makes is this: I provide the phonographs, at my own expense, and send them to England; Col. Gouraud will forward them from there, with an expert, to Constantinople, where I presume the presentation would be made; the phonographs to be presented in the names of myself, the University of Pennsylvania and Col. Gouraud; all expenses in connection with forwarding the phonographs from London to Turkey, expert's expenses &c. in connection with the presentation, to be divided equally between Col. Gouraud and the University of Pennsylvania. Does this meet with your approval? If so, kindly advise me, so that I may take immediate steps to get the machines ready.

Yours very truly,

Thos A Edison

Prof. Geo. F. Barker.

Jan. 16, 1889.

My Dear Maguire,-

I am in receipt of your letter of the 14th instant.

The kind of a man that Mr. Frazar requires for China and Japan, is one who has a good knowledge of electric lighting in general, wiring, dynamo machines &c., in connection with the Edison system. We wish to take a man of this kind and instruct him in the operation of the phonograph, its construction &c., and then he will be a good allround man for such countries as are represented by Frazar & Co., and for all classes of electrical work which they engage in there. Has Mr. Gould had an experience of this nature? I hope that you are meeting with good success in Chicago.

Yours very truly,

P. M. Maguire, Esq.,
Chicago, Ills.

Jan. 16, 89.

Everett Frazar, Esq.,
124 Water Street,
New York City.

My Dear Sir: PHONOGRAPH.

I have consulted Mr. Edison and Mr. Insull, of the Edison Machine Works, in regard to securing the services of a young man to act as your expert in China and Japan, in connection with the phonograph. The latter assures me that he will have no difficulty in selecting from among his numerous employees in Schenectady, just the kind of man you want, and he is already taking steps to do so. I regret to say, however, that Mr. Edison will not be able to instruct a man in time to send him by the 10th of February to China. This delay is unavoidable owing to the condition of work in our factory, and we must do the best we can under the circumstances. You can rest assured there will be no more delay than is absolutely necessary.

GERMAN QUOTATIONS. We are taking this matter up very earnestly and will send you copies of our further

correspondence in the course of a few days.

I have experienced considerable difficulty in finding all the original papers.

Yours very truly,

Private Secretary.

Jan. 16, 1889.

Col. George E. Gouraud,

Little Menlo, Upper Norwood,

Surrey, England.

Dear Sir:-

I have received your letter of 15th ultimo, in regard to proposed presentation to the Sultan of Turkey. I understand that I am to provide the phonographs, which will be forwarded to you at London: you are to take charge of them from there and send and expert with them to Constantinople, where the presentation would be made; the expenses attendant upon forwarding the phonographs and expert to Constantinople and making the presentation, to be divided equally between yourself and the University of Pennsylvania; the phonographs to be presented in the names of myself, the University of Pennsylvania and Col. George E. Gouraud. This arrangement is entirely satisfactory to me, and when I hear from Prof. Barker, to whom I have written, communicating your proposal, I will write you further regarding the matter.

Yours truly.

Thos A Edison

Jan. 16, 89.

Prof. Wm. P. Trowbridge,
Columbia College,
New York City.

My Dear Sir:-

I understand that Mr. S. S. Wheeler is to be nominated as Chief of the Department of Electrical Engineering, which is to be established as an adjunct to the School of Mines. For a number of years past I have had an opportunity of observing Mr. Wheeler's work in connection with electrical engineering, and I believe him to be thoroughly competent to take charge of this new Department of your College. It, therefore, given me great pleasure to recommend him very heartily for the position.

Yours very truly,

Thomas A. Edison

Jan. 16, 1889.

Prof. William H. Trowbridge,
Columbia College,
New York City.

My Dear Sir:-

I was very much pleased to learn that the Trustees of Columbia College had, at last, decided to establish a Department of Electrical Engineering, and I would like to show my appreciation of this movement in some practical manner. It has occurred to me that perhaps the best way in which I could do this, would be to establish a Scholarship, to be awarded to the student attaining the highest record in some branch of electrical engineering to be designated by myself. I am entirely unfamiliar with the manner in which those Scholarships are established, and am, therefore, unable to give the subject intelligent consideration. If you will be good enough to explain the matter fully to me, I will consider it further, and communicate with you again.

Yours very truly,

Thos A Edison

Jan. 17, 1889.

My Dear Mr. Johnson,-

We are endeavoring to get together all the diplomas and medals awarded Mr. Edison at different exhibitions, and I have been advised by Mr. Hammer, that there was a medal awarded Mr. Edison some few years ago at Cincinnati, and at the time of the award the United States Co. got out an injunction to prevent the delivery of the same, the result of which was that the medal was never received by Mr. Edison. Mr. Hammer tells me that it can be obtained now simply by asking for it. There is another medal from Australia which is around somewhere, and Stern and Silverman have a diploma that belongs to Mr. Edison. Mr. Jenks and Mr. Stieringer have very kindly interested themselves in this matter, and Mr. Hammer has suggested that you appoint these gentlemen a Committee of two, to look up these diplomas and medals. I believe that they have already signified their willingness to take charge of the work.

Yours very truly,

A. O. Tate

E. H. Johnson, Esq. Private Secretary.

Jan. 17, 89.

E. T. Gilliland, Esq.,
177-179 Broadway,
New York City.

Dear Sir:-

We have received some correspondence from Mr. R. S. Douglas, of Plymouth, Mass., in regard to some error in boundary lines between Mr. Edison's Florida property and the adjoining property of Mr. Douglas. It appears that Mr. Douglas wishes to sell his property, and before doing so desires to adjust any error which may exist in the boundary lines mentioned. I believe that you are familiar with this subject, and wish you would kindly give me any information which you may have that will assist me in straightening the matter out.

Yours truly,

Private Secretary.

Jan. 17, 89.

A. B. Dick Company,

152 Lake Street,

Chicago, Ills.

Dear Sirs:-

I beg to acknowledge receipt of your letter of 15th instant, enclosing New York exchange for $617.36, the same being amount of royalty due me on Mimeographs and supplies sold for the quarter ending December 31, 1888.

Yours truly,

Thos. A. Edison

Jan. 17,89.

W. S. Perry, Esq., Sec'y.,
Edison Ore Milling Co., L't'd.,
19 Dey St., New York.

D e a r S i r :-

I am in receipt of your letter of 15th instant, notifying me of my election as a Director of your Company, to serve for the ensuing year. This is to signify my willingness to serve as above.

Yours truly,

Robt. L. Belmont

Jan. 17, 89.

My Dear McConnell,-

In reference to your letter of 16th instant, the best way for you to secure the instruction which you seek in connection with the phonograph at this Laboratory, is to obtain a letter from either the North Am. Phonograph people or an Officer of the sub-Company by which you are to be employed in the future. It is Mr. Edison's intention to instruct any men who are sent over here by the N. Y. phonograph people, with the view of educating them as experts. The kind of instruction that you want cannot be obtained in the Lecture Room. You want to go into the Assembling Room at the Phonograph Works, and become thoroughly familiarized with the construction of the phonograph. I do not think you had an opportunity of familiarizing yourself with the different parts when you were at the Laboratory before.

Yours very truly,

Private Secretary.

Mr. Walter J. McConnell.

Jan. 17, 89.

Mr. C. J. Field, Chief Engineer,
The Edison United M'f'g. Co.,
65 Fifth Avenue, N. Y. City.

Dear Sir:-

Mr. Edison asks me to acknowledge receipt of your letter of 11th instant, enclosing copy of report on a test of an Edison plant which you installed at Buffalo, in a large dry goods store. Mr. Edison says that as soon as he gets through with the phonograph he is going to take a "fresh pull" at electric lighting, and will then read up, so as to get himself abreast of current affairs.

Yours very truly,

Private Secretary.

Jan. 17, 89.

Wm. T. Mottram, Esq.,
Gilsey House,
N. Y. City.

Dear Sir:-

Mr. Edison has received your letter of 13th instant, and asks me to say in reply, that if you will obtain such a testimonial as you desire from Mr. J. H. Vail, Gen'l. Sup't. Edison Electric Light Co., he (Mr. Edison) will be very glad to endorse it.

Yours very truly,

Private Secretary.

Jan. 17, 89.

Stirling Silk Mills,

S t i r l i n g. Ks.

Dear Sirs:-

Mr. Edison asks me to say in reply to your letter of 23d ult., that sugar can be bleached with electricity, but that he is not familiar with any process of electrical refining.

Yours truly,

Alf. Tate

Private Secretary.

a M.

Jan. 17, 89.

Major S. B. Eaton,
120 B'way., New York.

Dear Sir:-

In reference to the enclosed notice from the Dep't. of Taxes and Assessments, informing Mr. Edison that his personal estate is assessed at $10,000 in New York State, Will you kindly explain to me what this tax is based on? Does it refer to Mr. Edison's holdings in the different Companies in which he is interested and which exist under the laws of New York State?

Yours truly,

Private Secretary.

Jan. 17, 89.

R. S. Douglas, Esq.,
P. O. Box 397, Plymouth, Mass.

Dear Sir:-

In reference to your correspondence regarding an error in boundary lines between your property in Florida and that of Mr. Edison, I beg to say that I am in communication with Mr. Gilliland on this subject, and will write you further in the course of a few days.

Yours truly,

A. Tate

Private Secretary.

AT

Jan. 17, 89.

My Dear Insull,-

We have received a letter from the Edison Electric Illuminating Co. of New York, informing Mr. Edison of his election as a Director, to serve for the ensuing year. The Secretary asks Mr. Edison, in the event of his accepting the position, to have at least ten shares of stock transferred to his (Mr. Edison's) name. I thought that Mr. Edison already had a quantity of this stock standing in his name.

Yours truly,

A. Tate,

Private Secretary.

M.

Samuel Insull, Esq.,
Schenectady, N. Y.

Jan. 17, 89.

George F. English, Esq.,

Boston, Mass. To be called for.

Dear Sir:-

In answer to your letter of 16th inst., Mr. Edison will be pleased to see you at the Laboratory Saturday next.

Yours truly,

A. Tate,

Private Sec'y.

M.

Jan. 18, 89.

American Watch Tool Company,

Waltham, Mass.

Dear Sirs:-

Please send us by express as soon as possible, one of your 36 inch Lathes, with the following attachments:-

Screw Cutting Attachment, to cut 10 different threads.
Slide Rest.
Back Rest.
Inside Grinding Attachment, for small holes.
Outside " "
Half Open Tailstock and one Spindle.
Spindle with Dog, extra.
Counter 3 Speeds and Drum.
Chucks, Steel, Hardened and Ground True, for wire.
Chuck Face Plate,-2 inch.
Chuck Face Plate,-6 inch.
Chuck Bench, No. 1, fitted to stem.
Chuck Stems for Bench. Chucking Rest.
Drill Plate on Centre,-1 inch. Oblong Table.
Drill Plate on Centre,-4 inch. Triangular Table.
Drill Plate on Centre,-V. Large Center.

We will esteem it a favor if you will expedite the shipment of this Lathe as much as possible, as we are much in need of it.

Yours very truly,

LABORATORY OF THOS. A. EDISON.

By

Jan. 18, 89.

Col. Geo. E. Gouraud,
Little Menlo, Upper Norwood,
Surrey, England.

Dear Sir:-

I am in receipt of your letter of 5th instant, in regard to the exhibition of the phonograph at Paris. Your understanding of the matter is quite correct, and Mr. Homer, who will be in Paris in about six weeks' time, will have instructions to consult you in regard to the phonograph.

Yours very truly,

Jan 19/ 9

J. J. Skehan Esq Secy
Edison Elec. Ill'g Co.
#16 Broad St
Newark

Dear Sir:

In reference to your recent letter notifying Mr Edison of his election as a Director of your Company for the ensuing year, can Mr. Edison qualify on the script of the Ill'g Co. a quantity of which, $5173.= worth, he already has?

Yours truly

Thos A Edison

Jan 19th 9

W. Longueker Esq
Checkanideberg

Dear Sir: Referring to yours in letter 16th inst. the Edison will be very pleased to have you come out and see your ore treated by his magnetic Separator. Your car seed is here all up and forwarded at once, consigned to the Laboratory and marked to ensure recognition upon delivery. This we will have ready until your arrival. It will be necessary for you to advise

advise
us a few days in advance
of your coming, so that
your work may not
conflict with any other
of our arrangements.
A Company has been formed
Controlling the States of
New Jersey and Pennsylvania
under the Edison patents,
but there is not the least
doubt that a satisfactory
arrangement can be made
with them if you desire
to negotiate.

Yours very truly

Private Sec'y

Jan 19 9

A. S. Hewitt Esq
Mr. Edison
Dear Sir: Mr Edison wishes me to say in reply to your letter of yesterday that the direction in which Mr Jamieson has experimented is opposite to success, but his battery as it stands at present has enough power to its electrical value owing to its low efficiency. The only question is whether Mr Jamieson will succeed in effecting the [illegible] degree of improvement [illegible]

Private Sec'y

Jan. 19, 89.

Mr. George S. Kunz,

402 Garden St., Hoboken, N. J.

My Dear Sir:-

I have your letter of 8th instant.

Yes, I am after a chrome ore. What can you do in that direction?

Mr. Batchelor visited the Jewel Cutting Works, and we shall, in all probability, give them the work.

Yours very truly,

J. Madison

Jan. 19, 89.

Ella Farman Pratt,
c/o D. Lothrop Company,
Boston, Mass.

Mr. Edison has asked me to thank you, on his behalf, for the copy of WIDE AWAKE which you kindly sent him, containing an article by Mrs. General Fremont, entitled "HOW THE GOOD NEWS CAME OUT FROM THE WEST." Kindly convey to Mrs. Gen'l. Fremont the thanks of Mr. Edison, who intends taking advantage of his first moments of leisure to read her article.

Yours respectfully,

[signature]
Private Secretary.

Jan. 19, 89.

Mr. J. H. Vail, Secretary,

The Association of Edison Ill. Companies,

16 Broad St., New York City.

Dear Sir:-

In reply to your letter of 14th instant, I regret to state that it will be impossible for me to attend the next semi-annual convention of the Edison Association, to be held at Kansas City, Mo.

Yours very truly,

Thomas A. Edison

Jan. 21, 89.

The Edison Machine Works,

Schenectady, N. Y.

Dear Sirs:-

In view of the fact that Mr. Insull is about to assume the management of Messrs. Bergmann & Co., and will not give the whole of his time to The Machine Works, I desire that his remuneration as General Manager should be rearranged. I have arranged with him that he shall forego all interest in profits, and that his salary shall be at the rate of ten thousand dollars per annum.

Yours very truly,

Thos A Edison

President.

Jan. 21, 1889.

Edward H. Johnson, Esq., President,

Messrs. Bergmann & Company,

New York City.

Dear Sir:-

Mr. Insull informs me he has had some conversation with Mr. Bergmann, during which Mr. Bergmann stated, as he is going to resign his position of Treasurer and General Manager of Bergmann & Co., he would like action taken in relation to the matter as early as convenient. I would suggest that you call a Board meeting of Bergmann & Co. forthwith, and accept Mr. Bergmann's resignation, and elect Mr. Insull in his place. When Mr. Insull is elected, I should like his salary fixed at the rate of five thousand dollars per annum. It is my intention that this amount shall be taken off the remuneration which he at present receives from The Edison Machine Works as Gen'l. Manager and Treasurer of that Company. I shall not be able to be present at the meeting of Bergmann & Co's Directors, but this will not be necessary, as you can get a quorum without me. Mr. Insull will

E. H. J. (2)

act for me in any matters in relation to this subject.

Yours very truly,

Jan. 21, 89.

My Dear Lozier,-

We are looking about for some one to go to China and Japan with the phonograph. Messrs. Frazar & Co., of New York, are Mr. Edison's agents for the phonograph in these countries, and also represent the Edison electric light there. We want to get for Messrs. Frazar & Co. a young man who understands electric lighting in general, wiring, dynamos &c., whom we can break in as a phonograph expert, who, when he reaches China will be a good all round man to render assistance in connection with the various electrical interests which Messrs. Frazar & Co. represent. Your name was mentioned in this connection, and I have thought it worth while to write you and see if you desire to cease the opportunity of handling some foreign business. The salary would be a thousand to twelve hundred dollars a year and expenses.

Yours very truly,

Private Sec'y.

Mr. R. Lozier, Chicago, Ills.

Jan. 31, 89.

Francis R. Upton, Esq.,
Edison Lamp Company,
New York City.

Dear Sir:-

Mr. Edison has received from you a batch of correspondence, in regard to Fray lamps, and says that this correspondence should have been discontinued as soon as you learned that Mr. Fray employed the flashing process in connection with his filaments. I would suggest if you have any explanation to make to Mr. Edison, you do it personally. Meanwhile I will hold the correspondence.

Yours truly.

Private Secretary.

Jan. 21, 89.

Robert Coddington, Esq.,
44 Broadway,
New York City.

Dear Sir:-

Will you kindly come out to the Laboratory and see us in regard to our steam heating apparatus. We have commenced to heat the building by exhaust steam, and we do not seem to get enough heat from it. We think that it will be necessary to have a back pressure valve on exhaust. If it is not convenient for you to come out to Orange, please send some one else, competent to arrange the matter, which we would like attended to as soon as possible.

Yours very truly,

Edison Laboratory

Jan. 21, 89.

My Dear Hamilton,-

I have received your letter of 22d ultimo.

The arrangement which was made with Col. Gouraud, on your behalf, is, that you are to receive One Hundred dollars ($100) per month salary, and all your expenses, including living &c. This matter was fully explained to Col. Gouraud when he was here, and he accepted the terms.

Yours very truly,

Mr. H. de C. Hamilton,
88 Gloucester Road, South Kensington,
L o n d o n, England.

Jan. 21,89.

H. Ward Leonard, Esq.,
room 425, "The Rookery,"
Chicago, Ills.

Dear Sir:-

I am very much obliged for your letter of 16th inst. You must have got hold of an exceptionally poor lot of Edison lamps. The fall in candle power is altogether too great, and the life is nothing in comparison with the lamps which I set up here every day for test.

Yours truly,

Rushbadinag

Jan. 21, 1889.

THE ELECTRO-MECHANIC,
20 West Missouri Avenue,
Kansas City, Mo.

Dear Sirs:-

Mr. Edison asks me to say in reply to your letter of 15th instant, that he would be very glad to contribute something original for your journal were he possessed of the acquirements necessary to the make-up of a newspaper writer. Mr. Edison has never written anything for the press, and declares that he is entirely incapable of wielding a pen in that fashion.

Yours very truly,

Private Secretary.

Jan. 21, 89.

My Dear Hamilton,-

Mr. Edison has received your letter of 18th ultimo. He says for you to go ahead and do what Col. Gourand requires of you. I have already written you in regard to arrangement which was made in reference to your salary and expenses.

Yours truly,

Private Secretary.

Mr. H. de C. Hamilton,
82 Gloucester Road, Kennington,
London, England.

Jan. 21, 1888.

Everett Frazar, Esq.,
134 Water Street,
New York City.

My Dear Sir:-

In reference to your letter of 17th instant, we will make arrangements to obtain phonograms from the Japanese Minister and others in Washington before your expert goes to China. In all probability we will have to send some one to Washington for the purpose, as there is no one there to whom we could entrust the work.

In regard to furnishing you with an expert, I have discussed the matter with Mr. Edison, and he says he does not think you can obtain the class of man you should have for a less sum than One Hundred dollars per month and his expenses. Of course a great deal depends upon the man who is to exhibit these phonographs for you, and it will be much better to pay a little more and obtain a thoroughly competent expert, than to put in service a man of inferior qualifications at a smaller salary.

Yours truly,

Private Secretary.

Jan. 21, 89.

Sprague Electric Railway & Motor Co.,
55 Oliver Street, BOSTON, Mass.

Dear Sirs:-

In reference to your letter of 15th instant, it is Mr. Edison's intention to sell the phonograph motor separate from the phonograph. They will be, in all probability, made by the Edison Phonograph Works, Orange, N. J. We cannot give you any information in regard to price &c., as we have just commenced manufacture and our data is not complete. We will be able to tell you something more definite in the course of a month.

Yours very truly,

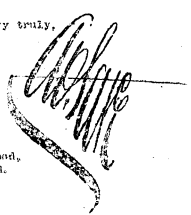
Private Sec'y.

Jan. 21, 8[illegible]

My Dear Colonel Gourand,-

I wrote you some little time ago, enclosing an application from Mr. John I. Sabin, of San Francisco, Cal., for the Agency of the phonograph in the Hawaiian Islands. Mr. Sabin and his associates have been very successful in the formation of a Phonograph Company for the Pacific Coast. The former feels quite confident that he can handle the phonograph in Hawaiia to the very best advantage, and judging from his work on the Pacific Coast, there is every reason to believe that he knows what he is talking about. He is anxious to negotiate with you, and if you feel so disposed, I can have him communicate with you direct.

Yours very truly,



Col. Geo. M. Gourand,
Little Menlo, Upper Norwood,
Surrey, England.

June 22, 89.

Messrs. Dyer & Seely,
New York City

Dear Sirs:-

I enclose herewith copy of a letter which we have received from Col. Gouraud under date 8th instant; also copy of a letter addressed to Col. Gouraud by his Patent Agent in Rome, Italy. Col. Gouraud's letter to Mr. Edison is in response to Mr. Edison's letter of Dec. 15th, a copy of which I sent you some time ago, and which sets forth a number of instructions in regard to applying for and taking out patents in Europe that we require Col. Gouraud to follow. Col. Gouraud appears to require information in regard to Austria, where he mentions some recent decisions, Italy, Portugal, Turkey, and the Argentine Republic, in which countries he states--and the same thing is stated by his agent in Rome--that the proportional taxes are the only ones which affect the duration of a patent; that they must be paid in advance for the full term for which the patent has been applied for; and that the annual taxes do not require to be paid for the full term, but before the expiration of each year.

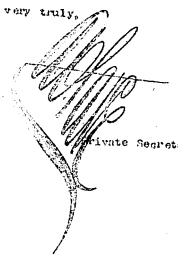
Kindly let us have your opinion of this correspondence. I

P. S.

(2)

have not yet submitted the matter to Mr. Edison, and do not wish to trouble him until it is completely threshed out. As I feel now, I think the best way for us to handle Col. Gouraud, would be to request him to correspond directly with yourselves, and to state over Mr. Edison's signature that he must be guided by any instructions which you give. This would end a three-cornered correspondence, and render us less liable to meet with trouble through confusion.

Yours very truly,



Private Secretary.

Jan. 22, 1889.

The Edison Lamp Company,

Harrison, N. J.

Dear Sirs:-

Enclosed please find letter which I have received from Prof. Roberts, of Cornell University, in which reference is made to Sample Board showing the Edison lamp in course of construction. Did you promise to send Prof. Roberts one of these Sample Boards? If so, you will note that he is anxious to receive it this month. After perusal, kindly return Prof. Roberts' letter.

Yours very truly,

Private Secretary.

Jan. 23, 80.

Mr. W. J. McCormell,
12 Baldwin Street,
East Orange, N. J.

Dear Sir:-

Replying to your letter of 22d instant, they will not be ready at the Phonograph Works to instruct men in the Assembling Room for about three weeks. You might write me again at the end of that time.

Yours very truly,

Private Secretary.

Jan. 23, 80.

H. W. Seely, Esq.,

Messrs. Dyer & Seely,

New York City.

Dear Sirs:-

In reference to your letter of 21st instant, re your arrangement with Mr. Edison to give some testimony at the Laboratory this morning, Mr. Maguire telephoned you yesterday that Thursday would suit Mr. Edison equally as well, and I will remind him to-morrow morning of his engagement.

Yours very truly,

Private Secretary.

Jan. 23, 1889.

Phonograph.

Michalas.M. Bell, Esq.,
Sup't. Foreign Mails, P. O. Dep't.,
Washington, D. C.

Dear Sir:-

Replying to your letter of 22d instant, regarding a request of the Imperial German Post Office, for one of my new phonographs, to be exhibited in the German Postal Museum, Berlin, I beg to say that [redacted] application should have been made to my European representative, Col. George Edward Gouraud, Little Menlo, Upper Norwood, Surrey, England. I have forwarded to Col. Gouraud a copy of your letter under reply, requesting him to communicate direct with the Imperial German Post Office.

Yours very truly,

Thomas A. Edison

Jan. 24, 89.

My Dear Professor Barker,-

I have your letter of 22d instant. I am very sorry that I cannot furnish you with a phonograph at present. The only ones I have are those in the Lecture Room, used for musical experiments, and the one which I am working on myself. We will have plenty of phonographs in a couple of weeks, when the factory will be turning them out in quantities. I will then be very glad to let you have one to exhibit to your friends.

Yours very truly,

Thos. A. Edison

Prof. Geo. F. Barker,
3909 Locust Street,
Philadelphia, Pa.

Jan. 24, 1889.

My Dear Mr. Dredge,-

I am very much obliged for your letter of 11th instant, and for your kind offer of assistance, should I desire to erect a pavilion at the Paris Exposition. I have gone so far now that it will not be practicable for me to adopt your suggestion. I have arranged for one-sixth of the total American exhibitors' space, and I think we can equip this in such a manner as to obviate the difficulties referred to by your friend M. Lagretello.

Yours very truly,

Thomas Edison

Mr. James Dredge,
35 & 36 Bedford St., Strand,
London, W. C., England.

Jan. 24, 89.

My Dear Mr. Connery,-

The delay in supplying you with machines for Mexico has been caused by experiments of mine with the view of rendering the adjustment of the instrument automatic. I cannot have your machines ready for at least two weeks and probably three. Your powers of attorney have been certified by all the proper authorities, and you can have them at any time. Shall I send them to you or to Mr. Fox?

Yours very truly,

Thos. B. Connery, Esq.,

Richmond Hill, L. I.

Jan. 24, 89.

Col. Geo. E. Gouraud,

Little Menlo, Upper Norwood,

Surrey, England.

Dear Sir:-

I am in receipt of your letter of 12th instant, in regard to obtaining a phonographic record of the sound of Niagara Falls. This is quite practicable, and I would be very glad to comply with your request were it not that we are so very busy. The time of all my assistants is completely taken up in the Laboratory and at the Phonograph Works. In a couple of months when we are settled down to routine work, I will be very glad to send some one to Niagara and obtain the phonograms you now ask for.

Yours very truly,

Thos. A. Edison

Jan. 24, 89.

My Dear Mr. Hastings,-

Mr. Edison asks me to say in reply to your letter of 21st instant, that the only photometer he has at the Laboratory is an instrument of precision, about the size of your desk, and which, of course, is not portable. Mr. Upton can, I think, furnish you with what you want.

Yours very truly,

Private Secretary.

F. S. Hastings, Esq.,
Edison Electric Light Co.,
New York City.

Jan. 24, 1889.

P. S. Gorton, Esq.,
Sec'y. & Treas'r. Chicago Edison Company,
Chicago, Ills.

Dear Sir:-

I am in receipt of your letter of 19th instant, stating that your Company proposes to build a new Station for residence lighting, which you desire to feed from your present Station during light run. I cannot understand how you propose to accomplish this, for the reason that, unless I am mistaken, the heavy run on both Stations will come just about the same time. Kindly send me data showing the run of your present Station and the anticipated run of the Station which you propose erecting for residence lighting. I will then write you further on the subject.

Yours very truly,

Thos. A. Edison

Jan. 31, 89.

Everett Frazar, Esq.,

124 Water Street,

New York City.

Dear Sir:-

In reference to your letter of 16th instant, wherein you quote an extract from a communication addressed to yourself by your firm in Japan, asking to what extent the Japanese can imitate the Edison Phonograph, I have discussed this matter with Mr. Edison, and he says that it will be practically impossible for the Japanese to make phonographs by any method within their reach as cheaply as your firm will be able to supply them from our factory. The nature of the instrument is such as to render imitation and duplication, under the most favorable circumstances, a very difficult matter, and should they succeed, which is very doubtful, in imitating the mechanical construction of the machine, the amount which it will cost them to accomplish this result will be an efficient barrier against [illegible] competition.

Yours very truly,

Private Secretary.

Jan. 24, 1889.

Chas. Francis Stone, Esq.,

18 Broad Street,

New York City.

Dear Sir:-

The two questions discussed in your letter of 19th instant are, (1) the payment of Mr. Navarro's claim for $40,000 in stock of the Edison Spanish Colonial Co. at par, and (2) the payment of this claim in stock of the Havana Electric Light Co. at 90 cents on the dollar.

If Mr. Navarro will accept increased stock of the Edison Spanish Colonial Co. at par in settlement of his claim, there is no doubt that this is the best way for us to adjust it. Mr. Edison agrees with me in this view of the matter. When I suggested settling Mr. Navarro's claim with stock of the Havana Co., I thought that perhaps he would be willing to take the same at par, in which case the stock of the Spanish Colonial Co., based upon your calculations, would be worth, if not increased, $105 per share, as against $87.50 per share on increased capital.

C. F. S.

-2-

However, I take it from your letter that Mr. Navarro would not be willing to accept stock of the Havana Company at par, in which case it is preferable to increase the capital of the Edison Spanish Colonial Company.

Yours very truly,

Jan. 24, 1889.

Mr. [illegible]

I find that on the 21st of December last we drew a check for $150, to the order of Sarah McWilliams. This is the only money that we have paid directly to Miss McWilliams, and I presume the only money she has received, unless you yourself have made payments to her in cash. If you will kindly let me know what Miss McWilliams' account should now be, I will have it made up and a check drawn for the balance due her.

Respectfully,

Jan. 24, 89.

Col. George E. Gouraud,

Little Menlo, Upper Norwood,

Surrey, England.

Dear Sir:-

I have received the following cablegram from Concepcion:-

"Offer twenty thousand dollars phonograph privilege Chile.
Answer Stewart Concepcion."

Mr. W. H. Stewart, who sends this cablegram, has represented the Edison Electric Light interests in Chile for a number of years. I think that I have sent you letters of his inquiring about the phonograph. You may, therefore, find his name in your files.

I cabled you this morning as follows:-

"Stewart Concepcion offers twenty thousand dollars phonograph privilege Chile. Wire me decision. Edison."

I suggested your cabling me decision in case you should be confused as to Mr. Stewart's address.

Yours very truly,

Jan. 24, 89.

Employment Bureau,

Castle Garden,

New York City.

Dear Sirs:-

We are looking for instrument makers, and it has occurred to us that application is frequently made to yourselves by experienced men of this character from different European countries. We can employ men of any nationality, so long as they are skilled in the work which we require of them, and can give permanent employment to a dozen mechanics who prove satisfactory.

Yours very truly,

LABORATORY OF THOMAS A. EDISON.

By

June 24, 89.

My Dear Insull,-

I am in receipt of a letter from Mr. Stetson, Treasurer of the Electric Illuminating Co., to the effect that Mr. Adams cannot qualify as a Director of that Company on the margin which he holds. Mr. Stetson says that he will transfer ten shares of stock, if agreeable, in exchange for $1,000 of the margin. I presume that this had better be done.

Yours very truly,

Private Secretary.

Samuel Insull, Esq.,
19 Day Street,
New York City.

Jan. 24, 86.

Joseph Aston, Esq., President,

T. C. Sharp, Esq., Secretary.

Proposed Electrical & Industrial Exhibition,

Birmingham, England.

Dear Sirs:-

In reply to your letter of 8th instant, I will be very glad to permit the use of my name as a patron of the Electrical and Industrial Exhibition which you propose holding in your city. I regret that I cannot make an exhibit of any of my inventions, for the reason that, as I previously advised you, all my apparatus is being forwarded to Paris.

Yours very truly,

Thos A Edison

Phonoplex. Jan. 23, 1889.

Nicholas M. Bell, Esq.,
Sup't. Foreign Mails, P. O. Dep't.,
Washington, D. C.

Dear Sir:-

Replying to yours No. 84496 Gen., under date 16th instant, asking for full information respecting my Phonoplex system of Telegraphy, for transmission to the authorities of the Postal Administration of Germany, I take pleasure in enclosing herewith a pamphlet setting forth the various uses of the system, together with copies of letters from certain of my licensees, giving expressions of opinion as to the practical merits of the same.

The following is a list showing the parts which are necessary for the complete equipment of one office:-

1 Phone Receiver (See page 6 of pamphlet enclosed).
1 Transmitter " " 7 " " " "
1 Magnetic Coil " " 8 " " " "
1 Key " " 8 " " " "
1 Resistance Box " " 9 " " " "
1 Coil Condenser
1 Line Condenser for shunting Morse key and relay.
6 Cells Battery.

I understand from your letter that this equipment is required for use only in the German Imperial Postal Museum, for exhibition purposes, and I will be indebted if you will convey my compliments to the German Postal authorities, and say that, if after examining the reports enclosed herewith, they consider it desirable to include this system of telegraphy among their other exhibits, it will give me pleasure to present them with the complete equipment for two phonoplex terminal stations, which will enable them to operate the system as in practice.

In the issue of the SCIENTIFIC AMERICAN for March 24th, 1888, which the German Postal authorities refer to in their letter to yourself, is given a diagram and explanation of phonoplex connections. Should further information of this nature be required, I will be very happy to supply it.

Yours very truly,

[redacted]

Jan 26th 1889

Statement.

Thomas A. Edison

Pr Mr Robert Gilliland Dr

	3/10 of Royalty from A. B. Dick Co to July 1st 1888 - $2729.28	$ 81879
Oct 2	Paid on Account of same	54586
	Balance due	$ 27293
	3/10 of Royalty received in October 1888 $491.22	14757
	3/10 of Royalty received in January 1889 $617.50	18525
	Balance due	$ 60575

For which enclosed please find my check No 1475 on German National Bank Newark N. J. for the same amount $605.75/100.

Yours truly
Thos. A. Edison
Pr.

P. S. Please acknowledge receipt of same and oblige

S.A.E.
Pr.

Jan. 25, 1889.

George S. Hartwell, Esq.,

c/o BOSTON ADVERTISER,

Boston, Mass.

My Dear Sir:-

Mr. Edison asks me to thank you for your congratulations on the late decision. He read your article in the ADVERTISER with much interest.

In regard to Florida, Mr. Edison was not yet decided whether he will go down there this year or not. I think that yourself and Mr. Harrison will be quite sure of finding Mr. Edison at his Laboratory this time during the next six weeks. Let us know a few days before you decide to come.

Yours very truly,

Private Sec'y.

Jan. 28, 1878.

F. Z. Maguire, Esq.,

The Grand Pacific Hotel,

Chicago, Ills.

My Dear Sir:-

The two receiving diaphragms referred to in your letter of 18th instant have not yet been received at the Laboratory. Perhaps you had better have them traced.

Mr. Bergmann will send you a supply of musical cylinders early this week. He was unavoidably delayed in getting these out for you, owing to several musical people with whom he had made arrangements to visit the Laboratory (and upon whom he was depending for the necessary musical records to send you) having disappointed him.

Yours very truly,

Jan. 23, 1889.

George S. Kingsley, Esq.,

Orange, N. J.

Dear Sir:-

I enclose herewith a letter from the Collector of Taxes for the township of West Orange. Will you kindly let me know if the township of West Orange has a right to collect 12% on overdue amounts. It seems to me that the legal rate of interest in this State should control township as well as personal affairs.

Yours truly,

June 28, 1889.

The Edison Machine Works,

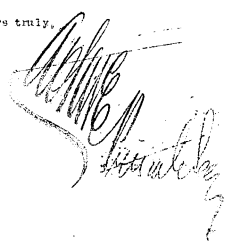
Schenectady, N. Y.

Dear Sirs:-

We have received your letter of 25th instant, in regard to samples of insulating compound, Nos. 445, 448 & 450.

At Mr. Edison's request, our Mr. D. T. Marshall started for Schenectady to-day, to consult with your Mr. Krouse in regard to insulation.

Yours truly,



Jan. 28, 1889.

Dear Mr. Connery,-

I enclose herewith your Power of Attorney, authorizing you to make application to the proper officials of the Government of the Republic of Mexico, for the privilege of placing phonographs in the Post Offices or other Government offices in the Republic of Mexico, upon terms to be approved and ratified by me.

Yours very truly,

Thos A Edison

Thomas B. Connery, Esq.,

Richmond Hill, L. I.

Jan. 28, 1889.

My Dear Lozier,-

I have received your letter of 24th instant. Messrs. Frazar and Company being in a hurry to secure the services of some one for China and Japan, I was obliged to make a selection quickly. I have obtained a young man from the Edison Machine Works.

Yours very truly,

Private Secretary.

Have your father to
Mr. Rob't. Lozier, call at office to-day
c/o Leonard & Izard,
Chicago, Ills.

Jan. 28, 1880.

My Dear Ward,-

I have received your letter of 23d instant.

At present I am not doing any night work. If you could come out to the Laboratory some Saturday afternoon with your friend, I will be very glad to see you.

Yours very truly,

Thomas A. Edison

Mr. H. H. Ward,
Gen. Union Tel. Co.,
New York City.

Jan. 22, 1889.

My Dear Insull,-

Mr. W. H. Wiley called this afternoon in regard to Orwell's Ore Milling business. He has received a letter from Mr. Pratge, in which the latter asks what Mr. Edison proposed to do after the Ore Milling plant is set up in Vanderbilt's yard in London. Mr. Pratge says that he will work the machine, put different ores through it, bring people to see it, and have it talked up generally in mining circles. But he asks what Mr. Edison wishes to do in the way of real business. Mr. Wiley wanted to see Mr. Edison this afternoon, but I told him Mr. Edison was not in any humor to be seen, but that I would let him know when it would be possible for him to have an interview. Meanwhile we ought to settle upon some definite policy as to the handling of this foreign business. I do not know how much thought Mr. Edison has given to it, but I do believe that he has no settled plan in view. Cannot we talk the matter over with him the next time you come out here? When are you coming out again?

Yours very truly,

Private Secretary.

Samuel Insull, Esq.

[illegible]

[illegible]

Mr. [illegible]

It seems that someone from the Secretary has been ordering material from the Russell and Erwin M'f'g. Co. I have learned from that most experienced lawyer, and I am greatly surprised at the transaction, which we have, that no material should be ordered from them, so that we are not involved in their orders. We want to have absolutely nothing to do with those people, and I hope that I will not again be obliged to call anyone's attention to this. Who was the messenger who we sent to [illegible] to speed the [illegible] material work.

960

June 29, 1889.

My Dear Professor Thurston,-

I have received your letter of 17th instant, and am going to send you a large dynamo which will have a capacity of either 200, 250 or 300 amperes, depending upon the stock on hand at my works in Schenectady. I am glad to hear of the progress which you are making at Cornell. I will let you know in a day or two which of the three machines mentioned I will be able to send. Their capacity in lamps is, as you of course know, double the ampere capacity.

Yours very truly,

Thos. A. Edison

Prof. R. H. Thurston,
Cornell University,
Ithaca, N. Y.

961

Jan. 28, 1839.

S. S. Wheeler, Esq.,

321 Seventh Avenue,

New York City.

My Dear Sir:-

In reference to Mr. Edman's proposed Scholarship, Would it be practicable for him to agree to pay three hundred dollars per year to Columbia College, instead of making an investment which would yield that amount? Kindly advise me on this point as early as practicable.

Yours very truly,

Private Secretary.

Jan. 29, 89.

Mr. O. S. Wiley,

First Ave. Hotel,

London, England.

Dear Sir:-

I have received your letter of 17th inst., in regard to overdraft of your account, which amounts to some $300. Of course it was not possible for you to spend $300 on sales. However, I do not care to inquire where the money went to, but I am very sorry that you have been so indiscreet as to pile up so large an indebtedness. Of course it is entirely impossible for me to keep these matters from Mr. Edison. I am handling his business, not my own. In your letter under reply you make no suggestion in regard to repaying this money, beyond communicating your intention to reduce Mrs. Wiley's allowance. She draws at present $20 per week. I regret very much that you have not explained this matter fully to Mr. Edison, and I must frankly say that your account was $300 overdrawn. It will be my duty for you to tell him that the money was advanced you for the purpose of executing a commission which you have failed to do. Mr. Edison, [illegible] make it more difficult for me to arrange the matter now in however, what I propose doing is this:

I will instruct Mr. Dredge to pay you four pounds per week, which you must make sufficient for your living expenses. This will enable me to credit your account with two pounds per week of the amount originally allowed you for expenses. You must not draw any of your salary yourself. I will pay Mrs. Wiley such portion of your salary as you may now determine to give her, and the balance will be credited to your account, together with two pounds per week from your expense allowance. In this way you will in time refund the amount of your overdraft. Let me know at once how much we are to pay Mrs. Wiley. I have to-day written Mr. Dredge as to the payments he is to make you.

Yours very truly,

Private Secretary.

Jan. 29, 1889.

Samuel Insull, Esq.,
The Edison Machine Works,
Schenectady, N. Y.

Dear Sir:-

In reference to the attached letter from Prof. Thurston, which kindly return after perusal, Mr. Edison asks me to inform you that he desires to present Cornell University with a 200, 250 or 300 ampere machine, according to which size you may have on hand at present. Please let Mr. Edison know how soon you can forward one of the above machines, also the capacity of same as indicated above.

Yours very truly,

Private Secretary.

Jan. 29, 89.

Mr. John Birkinbine,

Philadelphia, Pa.

Dear Sir:-

I understand from Mr. Edison that you are to prepare a paper on Ore Milling to be read before the Mining Engineers at the Laboratory on 20th prox. I am attending to all the other arrangements for the reception of these gentlemen. This letter is to let you know that I have that part of the affair in hand.

Yours very truly,

Private Secretary.

Jan. 30, 1888.

Charles Francis Stone, Esq.,
15 Broad Street,
New York City.

Dear Sir:-

I beg to acknowledge receipt of your letter of 25th inst. enclosing certificate for 250 shares of Edison Spanish Colonial Light Co. Stock,- No. 1, 167 shares; No. 2, 83 shares, transferred to me by G. F. Lowrey, Trustee, under agreement between myself and others and the said G. F. Lowrey, Trustee, dated May 3, 1887, relating to the issue and distribution of 500 shares of the said capital stock.

I enclose herewith my receipt for 250 shares, and also enclose certificate No. 2 for 83 shares, transfer of which I have executed to Porter, Lowrey, Soren and Stone, in accordance with my memorandum of assignment under date May 3, 1887.

Yours very truly,

Thos. A. Edison

Jan. 29, 1898.

Geo. George F. Gouraud,
Little Heath, Upper Norwood,
Surrey, England.

Dear Sir:-

We have already written you in regard to Mr. W. H. Stewart, of Concepcion, Chile, who cabled us the other day, offering $50,000 cash for the Phonogramm rights for that country. We received your cablegram of 26th instant, but it was too indefinite for us to obtain a clear understanding of your wishes in order to transmit them to Mr. Stewart. We therefore wired you this morning to negotiate direct with Stewart, Concepcion. This will avoid any complications which might arise through a three-cornered transaction. I have wired Mr. Stewart to address his proposition to you.

Yours truly,

Thos. Edison

Dec. 28, 96.

Mr. W. M. Stewart,

Concepcion, Chile.

Dear Sir:-

I am in receipt of the following cablegram from you under date 23d instant:-

"Offer twenty thousand dollars phonograph privileges Chile. Answer Stewart Concepcion."

As the cablegram to which you refer is in the hands of my Agent, Col. George E. Gouraud, Little Manlo, Upper Norwood, Surrey, England, I have cabled you today as follows:-

"Address Gouraud, London."

meaning that you shall communicate with Col. Gouraud and make to him direct any proposition that you wish to submit in connection with the phonograph in Chile. I have advised Col. Gouraud by wire of your offer and requested him to negotiate direct with you.

. N. S.

It is therefore quite probable that you will hear from him before my telegram of to-day reaches you - certainly before you receive this letter.

Yours very truly,

Edison

Jan. 29 1880.

Mr. James Dredge,

London, England.

Dear Sir:-

I am indebted for your letter of 16th instant. I regret to say that Mr. Wiley has not overdrawn his account to you in the way he should. Col. Goursaud advanced him altogether ninety pounds, of which a statement of thirty pounds was sent to you. The 60 pounds stands as an overdraft against Mr. Wiley's account. In order to reduce this overdraft, I am going to make the following arrangement: You will be kind enough to pay Mr. Wiley four pounds per week for his living expenses. This will enable me to credit his account with two pounds per week out of the six pounds originally allowed him for expenses. This arrangement will also allow his account to be credited with all of his salary, excepting such portion of the same as is paid over to his wife. In this way, the account of his overdraft will be reduced.

In regard to Ore Milling Machine which you have set up, I should be glad to have you show it to any of your friends who

J. D. (2)

are interested in the work which it performs. As to newspaper publications, I have no objection to having the machine written up by the press. You, of course, understand that the Ore Milling apparatus which you now have is not designed or intended for the working of gold ores. It is for use only in connection with iron ores.

I will communicate with you further in regard to any other business arrangements which I may wish to make. I am not quite prepared to do so at present.

Yours very truly,

Thos. A. Edison

Jan. 30, 1889.

My Dear Sims,

In reference to your letter of 19th instant, Mr. Wilson has not given the subject sufficient attention to endorse the plans of "The Niagara River Hydraulic Tunnel, Power and Sewer Company," nor is he able at the present time to make such an examination of these plans as would be necessary before lending his name to the enterprise.

Yours very truly,

[signature]

Private Secretary.

Gardiner G. Sims, Esq.,
Providence, R. I.

Jan. 30, 1889.

My Dear Upton,-

I want to get some information in regard to the contracts which have been made on behalf of Mr. Edison with the Cie. Continentale Edison. All the papers are not in my possession; Mr. Coster has some of them, and I therefore write to you, thinking that you will perhaps be able to answer the question I have to ask. In Article 4 of the Contract of 5th of November, 1886, it is provided that Mr. Edison will offer to the Cie. Continentale Edison, in the countries in which it has the right to work the Edison patents, patents of any new inventions which he may make &c., giving them a delay of 15 days to declare whether they accept the offer or not. Do any of the contracts provide that the Compagnie Continentale Edison shall pay the cost of Mr. Edison's experiments?

Yours very truly,

Private Secretary.

Letterbook, LB-028

This letterbook covers the period January-April 1889. Most of the correspondence is by Edison and Alfred O. Tate. Many of the letters relate to the marketing of the phonograph in Europe, Latin America, and Asia. Other material pertains to the production of the perfected phonograph at West Orange, the marketing of the talking doll, the establishment of central stations in the United Kingdom and Germany, the Edison phonoplex system, and the Edison exhibit at the 1889 Paris Exposition. There are also letters concerning Edison's efforts to obtain British patents for his ore separator and to acquire manufacturing rights to the Lalande battery. The spine is labeled "From Jan 30, 1889 To April 8, 1889 No I." and "Letterbook 1889 Jan. 30 to April 8 G." The book contains 1,002 numbered pages and an index. Approximately 40 percent of the book has been filmed.

Jan. 30, 1899.

H. Dwight Wm. Willard,

With reference to the matter of the Board of Directors of the Edison General Electric Company, and your letter that I should nominate some one for the Board, in addition to one name, it is my earnest request that Mr. Insull should be put on the Board. I also desire that Mr. Insull should be one of the Executive Committee. I nominate Mr. Insull because of his acquaintance with practically every branch of our lighting business. He, moreover, possesses my entire confidence, and is in full accord with my views.

Yours very truly,

Henry Willard, Esq.,
Willard Building,
New York City.

Jan. 30, 89.

Mr. Chas. Batchelor,

The Edison Phonograph Works,

Orange, N. J.

Dear Sir:-

The following is copy of a letter which we have rec'd from Col. George E. Gouraud, under date Jan. 3d, 1889:-

"I think it right to tell you that the woodwork of any new Phonographs that you may send me, must be polished dark, because all mahogany office furniture in this country is of that color. This dark effect can be obtained in mahogany by fumigating the wood before polishing, and this is the most satisfactory process. I should also like you to send machines with walnut casing, as that wood is largely used here and I believe is cheaper than mahogany. (Signed) GEO. E. GOURAUD."

Yours truly,

It would not be a bad idea for Gouraud & Gray to send an order for seven Machines before the Custom's men get on to them.

Jan. 26, 89.

Francis R. Upton, Esq.,

The Edison Lamp Co.,

Harrison, N. J.

Dear Sir:-

I enclose herewith details of account "A. C. Inte Special," showing a balance due Mr. Edison of $6,814.51.

Please split this amount, and send one note for each half of the account to the order of Thomas A. Edison, or if you prefer paying cash, we will, of course, raise no objection.

You understand that this account is not to go on your books. After you look over the bills, I want them returned to me, so they can be entered upon the special set of books which I keep for the INK Factory. Please let me have these notes so I can use them this week.

Yours very truly,

Private Secretary.

Jan. 30, 1889.

Col. George E. Gouraud,
Little Menlo, Upper Norwood,
Surrey, England.

Dear Sir:-

In view of the recent decision of the Supreme Court of the United States, I desire to modify Rule No. 8 of my letter of instructions to you under date Dec. 15th, 1888, which will now read as follows:-

"In countries which grant patents for various terms up to fifteen years, you may without awaiting the issue of the corresponding U. S. patents make application for and take out fifteen year patents only, paying the fees for the short terms and making proper provision for the payment of subsequent fees necessary to maintain such patents for the full term for which they are originally granted. Following is a list of such countries:

Portugal Turkey Austria
Italy Argentine Republic.

In your letter to me under date 5th instant, you state that the 15 years fees which you paid the Austrian Government in connection with Cases 86 and 87 will be refunded for 14 years without any prejudice to the Austrian patents, and as the dheinion

Col. G. E. G. (2)

which I have previously referred to presents such substantial [illegible] presented by United States patents I have no objection to your acceptance [illegible].

Yours truly,

Wm. C. Edison

Note:
The Supreme Court decision herein referred to is that disposing of the Gate Refrigerator Case — AAP

Jan 30 1889

Messrs. Dyer Tibbetts & Dyer
40 Wall St
City

Answering your letter 25th inst

Dear Sirs:

I enclose herewith a letter addressed by Mr Edison to Colonel Gouraud, modifying the instructions given the latter relative to taking out foreign patents to conform with the recent decision of the U.S. Supreme Court.

If the same meets with your approval please make a copy for your files, and send the original on to Gouraud.

Yours truly

Edison

Private & Confidential

Jan 30/89

Mrs. L. Beardslee
C/o Wm Holzer Esq
Menlo Park N.J.

Dear Madam: I enclose herewith a letter from Mr A.E. Kennelly, Mr Edison's Chief Electrician in regard to the model of an ammeter which Upton left with me the other day.

Mr Kennelly says it does not differ essentially from the instruments of like character which we at present use.

Yours truly,

Edison Lamp Co

Jan. 31, 1889.

Mr. Wm. H. Hinkle,

Fort Myers, Fla.

Dear Sir:-

I am in receipt of your letter of the 12th instant. All the work which is done on the dock should be charged half to Mr. Gillilan and half to me. The account for work in connection with our properties should be kept separate, the dividing line of the property being the dividing line for charging to either of us the work which is done in that connection. I enclose herewith as you request a check for $140. I have received a statement of your account and will write you further as soon as it is on my books.

I have a letter from Mr. A. A. Gardner, asking permission to use my Air Pump. He says he does not wish to remove the pump, but to take some glass jars to the office to exhaust them. You can let him do this.

Yours truly,

Jan. 31, 1889.

Mr. J. B. Skehan, Treasurer,

Edison Electric Ill. Co. of N. Y.,

16 Broad St., New York City.

Dear Sir:-

I enclose herewith an order on Messrs. Drexel, Morgan and Company, for the delivery to you of one thousand dollars of script of the Edison Electric Ill. Co., which you are to exchange for ten shares of stock of that Company, to enable me to qualify as a Director.

Yours very truly,

Jan. 21, 1888.

My Dear McGowan:-

We have received all your recent letters.

I was very much surprised when you commenced to complain about not having received letters from us. In one of your communications which reached us last fall, you stated that you were going off into the mountains, on a trip which would consume two or three months, and during which period you would be outside of civilization. I was unaware where you would turn up again, and consequently did not know where to send your mail. In addition to this, Mr. Edison had nothing in particular to say to you, and I presumed that the general instructions which were given you when you left this country were sufficient for your guidance. However, in the future I will write you periodically and give you the news, as it must be pretty tough to be so far away from your friends and hear nothing from them.

We received about a week ago samples of material, the same being the 83 pieces mentioned in two or three of your letters. Mr. Edison has been so busy with the phonograph, that he has not had an opportunity to test these, and until he does so I cannot say what

his wishes are in regard to the course which you are to pursue in the future. He promises me that he will inspect these samples within a very few days.

I have not sent the things which you asked me to order for you, because it is possible that Mr. Edison may want you to return home immediately, in which case they would not have time to reach you. The instant I know what his wishes are in this connection, I will send the things down to you by the fastest route possible.

It is so long since you left here, that I do not know where to start in to make you familiar with contemporary history. I will commence, however, with electric lighting interests.

ELECTRIC LIGHT. A new corporation called the "Edison General Electric Company," with Mr. H. Villard and his friends at its head, has been organized, with a capital of twelve million dollars, to take over the Edison Electric Light Company, and the three shops, which of course includes the United Company. A lot of fresh capital is to be put into the business, and Edison electric lighting interests are to be vigorously pushed. I think that the plan of operation is, to go into the large cities of the United States, and instead of soliciting local capital for the purpose of erecting Central Stations, the Edison General Electric Company will put the Stations up with its own capital. This will give them an immense advantage over their competitors, who have

been made sick in another direction. I refer to the recent decision of the Supreme Court of the United States, in regard to which I enclose some newspaper clippings, that will explain the effect of this decision better than I can.

On the first of February, Mr. Bergmann retires from Bergmann & Company, and Mr. Insull, General Manager and Treasurer of the Machine Works, assumes control of Bergmann & Co., in addition to his present work. I think that Bergmann is going to start a new factory for the manufacture of gas fixtures.

PHONOGRAPH. Last summer we erected, on property adjoining the Laboratory, a phonograph factory, which has a capacity of 200 phonographs per day. Mr. Edison has perfected this instrument, and the indications are that the sales will be very large. In this connection, I enclose a few clippings with relation to a couple of gentlemen with whose names you are quite familiar. It is not necessary for me to make any comment.

PARIS EXPOSITION. We are making great arrangements for a display of Mr. Edison's inventions at the coming Paris Exposition. We are commencing with his first invention and taking them right through to the end. It will be the best Edison exhibit ever made.

BROAD STREET. I drop into No. 16 Broad Street occasionally, and all your friends ask for you.

I will write you again as soon as Mr. Edison makes known to me his wishes in regard to yourself, and in future I will send you a general letter periodically, and keep you posted on current events. I hope that you are enjoying good health.

In order to relieve your suspense, I cabled you yesterday morning that I was writing.

Jan. 31, 89.

Col. George E. Gourand,

Little Menlo, Upper Norwood,

Surrey, England.

D e a r S i r :-

I beg to confirm the following cablegrams received from you:-

Jan. 29, 1889.

"Don't reply yesterday's cable."

Jan. 30, 1889.

"Request Stewart appoint London Agent to negotiate."

In reference to the latter, I have to-day cabled Mr. Stewart in accordance with your request.

Yours very truly,

30

Jan. 31, 1889.

Foster Coates, Esq.,
Managing Editor MAIL AND EXPRESS,
New York City.

Dear Sir:-

Mr. Edison has received your letter of 24th instant, asking "What great reform in our social, political, religious or educational system is most needed, and will advance us as a people?" He selects our educational system, and suggests manual training in public schools.

Yours very truly,

A. O. Tate

Private Secretary.

Jan. 31, 1889.

Mr. J. A. Sperrye,
P. O. Box 1944,
New York City.

Dear Sir:-

Mr. Edison has received your letter of 24th instant. He is himself experimenting on amalgamation, and, therefore, does not wish to have his ideas confused by learning the ideas of others.

With relation to Mr. R. V. de Guinon, Mr. Edison does not remember this gentleman, and has no recollection of conversing with him in regard to amalgamation.

Yours very truly,

Private Sec'y.

Jan. 31, 1889.

Messrs. Dyer & Seely,

New York City.

Dear Sirs:

I enclose herewith a letter from Mr. Kennelly, together with a description of Improvements in Electrolytic Meters, sent you for the purpose of enabling you to draw up patent papers. Mr. Kennelly will give you any further information that you may require.

Yours very truly,

Private Secretary.

30th January [illegible]

Dear Sir

Dear Sir

I beg to enclose herewith duplicate particulars as more be necessary for drawing up the letter concerning which a little conversation took place about 10 days ago between Mr Cadell and myself. I shall be glad to be favoured with an early reply and will furnish information as your may desire.

Thomas Scott (Lieut)
[illegible]

Improvements in Electrolytic Meters

This improvement consists in retarding or preventing the tendency of the metal leads to tarnish in the electrolytic solution by the application of heat to the plate solution or both, in such a manner that the oxygen liberated into the solution or occluded beneath the metal surfaces may be expelled in a sufficient degree to prevent the formation of oxygen compounds with the metal on the surface of the plate thus [illegible] to maintain an accurate [illegible] both and means is employed which for the [illegible] weight so that no [illegible] [illegible] [illegible] [illegible].

For this purpose the electrolytic solution may be heated or maintained at boiling point for the length of time necessary to expel its dissolved gases and the plates may be also heated separately or [illegible] with the solution as above.

Jan. 21, 89.

Mr. [illegible],

Honesdale, Pa.

Dear Sir:-

In reply to your letter of 22nd instant, please report at the Laboratory as soon as possible, and we will give you a [illegible]. Ask to see Mr. Kurth.

Yours truly,

[illegible]

Jan. 21, 89.

[illegible]

[illegible]

Dear Sirs-

I beg to confirm the following telegram sent you to-day:-

"Edison requests you appoint London agent to negotiate. Edison."

Yours truly,

Jan. 31, 1889.

Allgemeine Elektricitats Gesellschaft,

Berlin, Germany.

Dear Sirs:-

I enclose herewith copy of my letter to you under date 7th November, to which I have as yet received no reply. I am very anxious to hear from you on the subject referred to in this letter, and would ask you, if you have not already done so, to send me an immediate answer, and also to be kind enough to furnish me with copies of any quotations which you may have made for the sale of electric lighting material in China and Japan. The effect of your action has been most disastrous, resulting in our losing a very large contract in one of the principal cities of China, after my agents had spent a great deal of time and money to secure it. In fact, Messrs. Frazar & Co. were about to close the contract, when information was received by the parties with whom they were negotiating, that Edison Electric Lighting material could be purchased in Germany, and in order to secure competitive bids from my agents and yourselves, the question of awarding the

contract was again opened up and finally decided in favor of a rival American Company, who during the earlier period of the transaction had been forced to retire, but whose system is now being installed. Thus have you not only failed to derive any pecuniary benefit from the invasion of my territory, but have been the direct cause of a loss to myself and my agents of both money and prestige.

While I cannot believe that after the just appeal which I have made to you, you will continue to embarrass me in this manner, I am at a loss to understand your silence, unless it be that you have not received my letter of the 7th of November last, copy of which is attached hereto.

I trust that you will give this matter your early and earnest attention, and meanwhile, I beg to remain

Yours very truly,

Feb. 1, 1900.

My Dear Mr. Edgar:-

I enclose copy of another letter to the former Company, relative to their interference with our China and Japan Electric Lighting business. I have not been able to find the original agreements which you have mentioned, and I am of the opinion that we would not serve our best interests by a reference to them. The first contract covering Germany was made with a French Syndicate, which attempted to do business in Germany and maintain control of the old Deutsche Edison Gesellschaft. Owing to the inherent dislike which these two peoples bear for each other the plan proved inoperative and resulted in the French Company sacrificing its interests in Germany simply to avoid dealing with men whom they looked upon as their natural enemies. Since that time the Edison Electric Lighting interests in Germany have passed through a number of different stages, and it would be a difficult, if not fruitless task, to attempt to sift their various contracts in an effort to ascertain their present legal status with respect of their obligations to Mr. Edison.

P. S.

I think we can accomplish more by making our demands upon a high moral principle which it is impossible for them to dispute, and which I do not believe they will ignore.

If our object is not in this way accomplished, there is another channel through which we can reach them, but it is not open to us until our present efforts prove unsuccessful.

I will call to see you to-morrow at 12 : 30, as arranged to-day by telephone.

Yours very truly,

Private Secretary.

Feb 1st 89

My dear Upton:

I enclose copies of the following letters in which you are interested:-

(1) letter Jan 31/89 Thos. A. Edison to Allgemeine Elec. Gesellschaft re China & Japan.

(2) letter Feb 1/89 A.A. Pope to Everett Frazar Esq re Spanish Cy. (Renewal)

(3) letter Jan 25th/89 Edison Elec. Lt. Co. to European Co re Austrian patents.

(4) European Co to European Co re Austrian patents.

Faithfully

J.H. Upton Esq
Edison Lamp Co
East Newark
N.J.

Jan. 22, 1890.

Mr. O. H. Perry,

No. " Fourth Street,

San Francisco, Cal.

Dear Sir:-

In reply to your letter of 18th instant, it is Mr. Edison's intention to sell the phonograph motor separate from the phonograph. At present, however, we cannot give you any information in regard to price &c., as we have just commenced manufacture and our data is not complete. We will be able to tell you something more definite in the course of a month or so.

Yours truly,

Private Secretary.

February 2, 1889.

Mr. D i c k s o n,-

Here is an extract just received from a letter from Mr. Mallory. The information may be of use to you:-

"We take the sample to be assayed and put about a table spoonfull between two hard wood boards and rub them well together so to separate all the particles. (We find in twenty mesh that a great many pieces about 20 have considerable silica attached, and the grinding motion seems to separate them); then the product is sifted through a 60 mesh screen, and 100 grains weighed out; then it is spread very thinly over a paper, and with a small hand magnet which we cover with tissue paper so to enable me to take the iron off easily, we separate the iron, leaving the dust; the iron we spread out and separate two or three times according to the amount of dust and silica contained and then go over the dust again to get the iron out (usually find some in the dust), then weigh the iron and dust separately and allow for what is lost, usually about two grains and get the percentage of each. The iron percentage multiply by 72.40 and get the metallic iron - and usually very rare - and the result can be obtained in ten to fifteen minutes. By this we are enabled to keep very close track of our work."

Yours truly,

Feb. 2, 89.

Somerville P. Tuck, Esq.,
Asst. Com.-General,
U. S. Commission to the Paris Exposition of 1889,
No. 1 Broadway, New York City.

D e a r S i r :-

In reply to your letter of 31st ultimo to Mr. Edison, in regard to an application for allotment of space for Edison's Electric Pen which you have received from Mr. John Wm. Godfray, of Paris, France, I beg to state that we are in communication with Mr. Godfray, and it will not be necessary for the Commission to take any notice of his application.

Yours truly,

Private Secretary.

Feb. 4, 1880.

My Dear Mr. Johnson:-

I got your note in regard to phonograph dolls and showed it to Mr. Edison. He told me to give instructions for two dolls to be prepared for you at once, which I did, and they are now ready. At the same time I telegraphed the Edison Phonograph Toy M'f'g. Co., Boston, in Mr. Edison's name asking for permission to give you these dolls for exhibition, and I expect an answer from them every moment.

In regard to the phonograph, I am sorry that you are going to have any exhibition of it to-night. We have a number of good records for you, and I am afraid that your exhibition to-night will take the edge off people's interest before these come along. Why can you not hold the phonograph back altogether until to-morrow night, taking advantage of the opportunity which will be offered you to-night, to announce to your audience that to-morrow night you will exhibit the phonograph? This would probably have the effect of bringing a good many of the same people back again, who otherwise would only attend once.

Yours truly,

Private Secretary.

E. H. Johnson, Esq.

[illegible] Toy Pro[illegible]

"Just at present we wish to avoid any publicity."

I regret very much that it will now be impossible for us to send you the dolls, as Mr. Edison would not permit an exhibition of them without the Toy Promoting Co's consent.

Over telephone to the Toy Promo. people read as follows:
"May I allow Mr. Edison to have
two good dolls for exhibition at
Christy entertainment New York this
week Observe answer at once"
(Sgd) Thomas A. Edison

Feb. 4, 1880.

Richard N. Dyer, Esq.,

Messrs. Dyer & Seely,

New York City.

Dear Sir:-

In reply to your letter of 31st ult. to Mr. Edison, re argument before the Board of Examiners in Chief of the three phonograph cases which have been appealed to them, on 7th instant, I beg to say that we will have a capable man ready to proceed to Washington on 6th instant, and shall instruct him to report at the office of George W. Dyer, 1003 F. St., on the morning of the 7th.

Yours very truly,

[illegible] Secretary.

Feb. 4, 1890.

S. J. Ritchie, Esq.,
A k r n, Ohio.

Dear Sir:-

Replying to your letter of 30th ult., we have found that the cost of a plant capable of turning out 100 tons of concentrates per day from 40% ore, is $32,000. The increased cost per day of raw ore are run through this installation. Your ore is richer than the above, and 200 tons would give you, say, 175 tons of concentrates; hence, for 500 tons of concentrates daily, the plant would cost you, roughly, $85,000.

I cannot answer your second question very accurately at present, but to give you some idea, I might suggest from 60 to 70 cents per ton of crude ore.

A plant such as you require could be erected within two months. I am willing to make a contract with your Company for iron separation, on the same basis as our Allentown contract, but not until our Mill at Allentown has run for two or three weeks, so that we can get data upon which to base our calculations. I will not deal with any other parties for Canada for at least a couple of months.

S. J. R.

-2-

Will you kindly let me know about that last iron ore analysis? Was it satisfactory for sulphur?

Yours truly,

W. Edwards

Feb. 5, 1889.

Everett Frazar, Esq.,
New York City.

My Dear Mr. Frazar:-

I have your note of 4th instant, and will be glad to see Mr. Tyson to-morrow afternoon.

I think you are already aware that the Graphophone people are making strenuous efforts in China and Japan to obtain concessions, giving them the exclusive right to introduce their machines. They, of course, will try to exclude the phonograph altogether. Would it not be well to let the Japanese and Chinese officials know that the Edison Perfected Phonograph is to be sent to those countries very shortly? To-morrow night we are sending a young man to Washington, with a phonograph, for the purpose of giving an exhibition before the Commissioners of the Patent Office, to overcome some objections which have been raised in that Dep't. of the Government in connection with patents. I suppose it would be impossible for you to arrange in so short a time to utilize this man for the purpose of obtaining records and giving an exhibition before the Japanese and Chinese officials? I am quite sure that if they once heard the phonograph, no special grants would be made on behalf of the Graphophone.

Yours truly,

Private Secretary.

Feb. 5, 1890.

Messrs. Dyer & Seely,
New York City.

Dear Sirs:-

I am very much obliged for your letter of 4th inst. I send you under separate cover the following specifications of English patents, which are the ones referred to in the notices of opposition sent us by Col. Gouraud, and copies of which are in your possession:-

(1) 1877, 30th July. No. 3909, Specification of T. A. Edison. "Controlling by sound the transmission of electric currents and the reproduction of corresponding sounds at a distance."

(2) 1886, 4th May. No. 6057, Specification of James Yate Johnson. "Improvements in an apparatus for recording and reproducing speech and other sounds."

(3) 1886, 4th May. No. 6062, Specification of James Yate Johnson. "Improvements in and apparatus for reproducing sound from phonographic records."

(4) 1886, 4th May, No. 6047, Specification of James Yate Johnson. "Improvements in and means and apparatus for the reproduction of speech and other sounds by means of records."

(5) 1887, 8th November, Specification of Emile Berliner. "Improved method of and apparatus for recording and reproducing spoken words and other sounds."

D. A. E. -2-

for 1897, 28th November. No. 16,842. Specification of Hon. Rev Anders. "Improvements in Phonographic apparatus for recording and reproducing vocal and other sounds."

Yours very truly,

Private Secretary.

Feb. 5, 1889.

Mr. R.-S. Douglass,

P. O. Box 897, Plymouth, Mass.

Dear Sir:-

In further reference to my letter to you of 17th ultimo, re Mr. Edison's Florida property, the following is an extract from a letter which I have received from Mr. Gilliland:-

"Replying to your favor of recent date, concerning Florida property, will say that the property of Mr. Douglass does not adjoin that of Mr. Edison. This was fully explained to Mr. Thomas, the agent of Mr. Douglass, and a plan agreed upon between Mr. Thomas and myself for straightening out the boundary line."

Yours very truly,

Private Sec'y.

Feb. 5, 1880.

American Watch Tool Co.,

Waltham, Mass.

Dear Sirs:-

We are returning you by to-night's mail, sleeves which came with the lathe that we received from you Saturday last. These do not fit and have a shake of about sixty-fourth of an inch. We think there must have been a mistake in sending us these sleeves, as they show very bad workmanship. Parts of the machine were badly rusted, for the want of being greased before shipping; and we also find that the feather only enters quarter way into second gear. Is there any way in which we can remedy this? Please advise us at once.

Yours truly,

LABORATORY OF THOS. A. EDISON.

By

Feb. 6, 1889.

J. A. Davidson, Esq., Sec'y.,
Electric Time Company,
#16 Broad St., New York City.

Dear Sir:-

I have your letter of 5th instant.

The movement which you refer to will answer our purpose. We will not, however, need a circuit breaker, as we have that all complete and shall work it with a relay. Can you supply us with hands for this movement as follows: hour hand 18 inches from centre to end; minute hand 23 inches from centre to end? If you cannot furnish the hands immediately, send the movement and let the hands follow. We would like to have the movement arrive at Orange not later than 8th instant, so that we can mount same in clock dial. Send bill to Mr. Edison's Private Secretary, Mr. A. O. Tate.

Yours very truly,

John. P. Otto

Feb. 7, [illegible].

Edgar Williams, Esq.,

THE ORANGE JOURNAL,

Orange, N. J.

Dear Sir:-

In reply to your letter of 23d ultimo, I enclose herewith ten dollars ($10.00), which please add to the f[illegible]which is being raised to purchase artificial arms for the Brodamus boy.

Yours truly,

Thos A. Edison

136
135

Feb. ", 1889.

Col. George E. Gouraud,

Little Menlo, Upper Norwood,

Surrey, England.

Dear Sir:-

I beg to confirm the following cablegrams received from you and sent by us:-

GOURAUD NORWOOD. Feb. 6, 1889.
"Stewart cables advise Gouraud powers mailed."

London, Feb. 6, 1889.

"Shall I erect Gram machinery? If obsolete, ship more grams immediately; also Laboratory records. When may I expect phonogram?"

GOURAUD, NORWOOD. Feb. 7, 1889.

"Obsolete; sending supply. Edison."

Yours truly,

Feb. 8, 1889.

J. Hood Wright [illegible]

M[illegible]. D[illegible]l, Morgan & C[illegible].

H[illegible]

M[illegible] Sir:-

Will [illegible] agreement, and have Mr. Morgan sign, which will complete the stockholders of The Edison Machine Works. Mr. Insull will call at [illegible] for the [illegible].

Very truly,

[redacted]

Feb. 8, 1889.

The North American Phonograph Co.,

Jesse H. Lippincott, Esq., Pres't.,

[illegible] B'[illegible], New York.

D[illegible] S[illegible]:-

I enclose herewith [illegible] bill for the phonographs made for you by hand, amounting to $1,655.64.

Yours truly,

Thos. A. Edison

Feb. 2, 89.

Messrs. Drexel, Morgan & Co.,

New York City.

Dear Sirs:-

I enclose herewith check for $44,471.37

subject to draft against the same.

Thos. A. Edison

Dec 9

Mr. E. Wilmowski
Present

Dear Sir:

Mr Edison desires to discontinue the expense of your Department, and I therefore beg to advise you that he will be compelled to release you from your present engagement on Saturday next 16th inst.

Yours truly

Private Secy

F[illegible], 1889.

The Edison United M'f'g. Co.,
Mr. C. J. Klein, Sup't., New York City.

Dear Sirs:-

I am in receipt of your letter of 5th instant, in regard to Mr. B[illegible]'s outside wiring. While Mr. Burke did have agreed to accept lead covered wire, he was at the same time most shamefully deceived by those who sold him the material. It has cost us over seven hundred dollars [illegible] pairs made on this installation, which is an offset against the bill owing you now by Mr. Burke. I need not mention the embarrassment which Mr. Edison and all of us have felt at being obliged to nurse with such constant care an Edison plant installed so near at home. We, of course, cannot consider the Edison Wiring Co. in this matter, as you shouldered the sins of that Company at the same time that you assumed their other obligations. I will have our electricians make an estimate of the cost of substituting Edison tubes for this underground wiring, and send it to you, and I think that in justice to yourselves you should make this change at your own expense, and redeem the reputation of the Edison system.

Yours truly,

. . ., 1899.

My Dear [illegible]

. . . sending you all the photogra[illegible] have . . . not complete yet list, but it is the best I can do at p[illegible] Mr. Dickson [illegible]ition to his wo[illegible] P[illegible] our Ore Milling Dep't., in connection with which he is very busily engaged at the present time, and I cannot [illegible] him off his w[illegible]long enough to [illegible] missing views. I hope to see you next time you come to Orange.

Yours very tru[illegible]

Private Secretary.

P. S.

Since writing [illegible] above I find that we have not got a photogra[illegible] this place, and it is impossible for any to be printed before the end of next week.

Horace Townsend, Esq.

Feb. 9, 1889.

My Dear Insull,-

I enclose herewith copy of a letter received from Mr. Dredge. I think that Mr. Edison ought to write him, saying that he will, of course, bear the extra expense Mr. Dredge speaks of. Dredge seems to me to insinuate a desire to receive some assurance of this kind, and we of course do not wish him to spend any of his money, and thereby obtain a sort of a lien on the business.

Yours very truly,

Private Secretary.

Samuel Insull, Esq.

Feb. 9, 83.

My Dear Mr. Hubert,-

I have your letter of 5th instant. I think that some evening next week we will make some more musical records in our Lecture Room. I will let you know in time to enable you to come out.

Yours truly,

Private Secretary.

P. G. Hubert, Jr., Esq.,
202 West 74th Street,
New York City.

Feb. 9, 1889.

Major B. B. Eaton,

120 Broadway,

New York City.

My Dear Sir:-

Acknowledging your letter of 6th instant, I sent you on Thursday last from Dey St. an order on Mr. Tomlinson, signed by me as Secretary of the Edison Phonograph Company, asking him to deliver to you Agreement of Oct. 28th, 1887, between Mr. Edison and the Edison Phonograph Co. I also sent you two printed copies of this contract.

Yours truly,

Private Sec'y.

Feb. 9, 88.

My Dear Hamilton,-

I want you to send me at once a complete list of all the phonographs and phonograph material which you took with you when you went to England, and also a list of phonographs and material which have been sent to you since you have been in London. Mail this to me as quickly as you can.

Yours very truly,

Private Secretary.

Mr. W. de G. Hamilton,
38 Gloucester Road, Kensington,
London, England.

Feb. 9, 89.

My Dear Worthington,-

I have been away nearly all of this week, and did not receive your letter of the 8th instant until yesterday. I regret very much that we cannot accommodate you, as you request, and therefore return your note for $300 and check for $10.

I fear I cannot accept your kind invitation to dine, as I am so seldom in town in the evening.

Very Yours

Yours truly,

Private Secretary.

George Worthington, Esq.,
13 Park Row, N. Y.

Feb. 9, 1889.

Mr. David N. Ropes,

Orange, N. J.

My Dear Sir:-

Some gentlemen called here the other day, in regard to placing four or five poles in front of the Farrand property on Bloomfield Ave., for the purpose of running wires for an electric railway. I have lost the address of the gentleman representing the electric railway in Newark, but I believe you are familiar with his name, as he stated he called to see you before calling to see [illegible]. We have no objection to these poles being erected. Will you very kindly convey this information to the proper person.

Yours very truly,

Private Secretary.

Feb. 11, 1885.

Mr. C. Frank,

No. 30 South Fifth Avenue,

New York City.

Dear Sir:-

I have returned to you the small cabinet which you made for me, as the top cracked from one end to the other, and was not made as ordered. I desired the top made of three pieces, grain crossed. You must have used green wood, or it would not have cracked. Can you remedy this?

Yours very truly,

T. A. Edison

Feb. 11, 1889.

Col. George E. Gouraud,

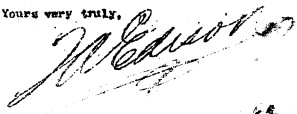
Little Merlo, Upper Norwood,

Surrey, England.

D e a r S i r :-

I am in receipt of your letter of 26th ult., also your cablegram, asking the probable date when you may expect a consignment of phonographs. I believe that we can send you a number, I cannot now say how many, by the 15th of March, and have so wired you to-day.

Yours very truly,



Feb. 11, 1889.

Col. George E. Gouraud,

Little Menlo, Upper Norwood,

Surrey, England.

Dear Sir:-

I beg to confirm the following cablegrams received from you and sent by us:-

Thomas A. Edison. Feb. 8, 1889.

"How many phonographs are you sending and when sure."

GOURAUD, NORWOOD. Feb. 11, 1889.

"March fifteenth. Edison."

Yours truly,

Feb. 11, 1889.

Ira Miller, Esq.,

A k r o n, Ohio.

My Dear Sir:-

Mr. Edison has received your letter of 8th inst., and has signed the subscription list of the "Edison Iron Concentrating Company," as indicated, and all the papers have been forwarded to E. B. Mallory, Baltimore, Md., for his signature.

Yours very truly,

Private Secretary.

Feb. 11, 1889.

E. B. Mallory, Esq.,

Baltimore, Md.

Dear Sir:-

The enclosed papers were forwarded to Mr. Edison, to enable him to sign the subscription list of the "Edison Iron Concentrating Company," which he has done. Mr. Ira Miller asks us to forward the papers to you for your signature. As your name will complete this list, I presume you should return the documents to Mr. Miller, at Akron, Ohio.

Yours truly,

Private Secretary.

Feb. 11, 1889.

H. Ward Leonard, Esq.,

Messrs. Leonard & Izard,

Chicago, Ills.

Dear Sir:-

In reply to your letter of 2nd. instant, asking what prospect there is of learning anything form a microscopical examination of the filaments of the various lamps which you are testing, I do not think you will succeed in obtaining any important data in that way.

Yours very truly,

Feb. 11, 1889.

My Dear Insull:-

You telephoned me the other day about a man for Frazar & Co., and mentioned something in regard to living expenses. The arrangement to be made with the man whom we send out to Frazar & Co. is, that he will receive a stated salary anywhere up to $100 a month, and all of his expenses. It, therefore, cannot be a matter of much interest to the expert what these expenses are, as he will not have to pay them. Frazar & Co. are very anxious to get a good man, and he ought to be selected this week, so that we can get him down here without any further delay.

Yours very truly,

Private Secretary.

Samuel Insull, Esq.,
19 Dey St., New York.

Feb. 11, 1889.

Mr. J. N. Fordyce,

Portland & Willamette Valley R'y. Co.,

P o r t l a n d, Oregon.

Dear Sir:-

In reference to your letter of 26th ult., I beg to say that your name was mentioned to Mr. Edison by Mr. Henry Villard in a note written by the latter under date 7th December, 1887. At that time Mr. E. T. Gilliland was the Gen'l. Agent for the Edison Phonograph Co., and Mr. Edison referred to him your letter to Mr. Villard, as you will see by copies of correspondence attached hereto. The phonograph, as you are aware, eventually passed into the hands of the North American Phonograph Co., with whose policy Mr. Edison has nothing whatever to do. He would have been very glad if those who control the merchandising of the phonograph had been able to act upon the suggestion which he made to Mr. Gilliland in your behalf.

Yours very truly,

Private Secretary.

Feb. 9, 1889.

Samuel Insull, Esq., Gen'l. Manager,
The Edison Machine Works,
Schenectady, N. Y.

My Dear Sir:-

I have to thank you for your kindness and promptness in shipping to Professor Thurston, Cornell University, a No. 12 dynamo, and am also indebted to you for the very appropriate note which you sent Prof. Thurston at the same time.

Yours very truly,

Feb. 11, 1880.

Mr. T. J. McTighe,

Electrical Review, No. 12 Park Row,

New York City.

My Dear Sir:-

In reference to the attached, and in reply to your letter of 30th ult., Mr. Edison glanced at your patents and then turned them over to our Electrician, Mr. Kennelly, for a closer examination. You will detect Mr. Edison's anticipations by his note on your letter returned herewith, and Mr. Kennelly in his report states that the principle upon which this invention rests has no basis in theory or practise.

Yours very truly,

Private Secretary.

Feb. 11, 1888.

Mr. D. H. Burrell,

Little Falls, N. Y.

Dear Sir:-

Mr. Edison has received your letter of 5th instant, and asks me to say in reply that he would have taken up actively the line of experiment which you suggest had he not been so busily engaged with his phonograph. He has by no means forgotten the matter, and at intervals, when he has an opportunity, he makes experiments, but these, of course, he is unable to pursue with any degree of regularity at the present time. Just as soon as the phonograph is out of his hands he will start a line of experiments in the separation of butter from milk, and follow them up vigorously.

Yours very truly,

[illegible] Secretary.

Feb. 11, 1889.

The Edison Lamp Co.,

Harrison, N. J.

D e a r S i r s :-

In your letter of 9th instant, enclosing a three months note to the order of Baker & Co., under date 14th instant, for $3155.58, you ask me to have Mr. Edison "endorse" the same. I presume you meant to ask me to have Mr. Edison sign this note as President of the Lamp Co., which has been done and the paper returned herewith.

Yours very truly,

Private Secretary.

4th February 89.

The Edison Electric Light Co.
York Pa

Gentlemen

In reply to your favor of the 8th inst we beg to say that a carboy of solution is now being shipped to you, and that the solution can be used several times, but not indefinitely owing to the gradual accumulation of impurities that may find their way into from the zinc or external sources.

Your obt Servt
for E. Kemmelly

Feb. 12, 1889.

Mr. G. H. Jordan,

L i s b o n, Maine.

D e a r S i r :-

In reply to your letter of 4th instant, relative to employment for your son, I beg to say that the young men employed in the Laboratory are usually graduates of the various technical schools, who have some knowledge of electrical matters, and who come here to extend their knowledge. Mr. Edison does not take apprentices at all.

Yours truly,

Private Secretary.

Feb. 12, '89.

Mr. John Kruesi, Ass't. Gen'l. Manager,
The Edison Machine Works,
Schenectady, N. Y.

Dear Sir:-

Please send us 50 feet of flexible cord, finished except the outside braiding; also 25 feet of flexible cord soaked in compound #450 and braided over as when finished. We wish to try a compound in addition to #450 to render it more noninflammable. We also would like you to send us 50 feet of cotton covered line wire which has not been soaked in any compound. We find that compound #450 destroys cotton even when dissolved in C.S.2, but we have found a way to overcome that entirely, and hope to make a compound that can be put on by melting. Please hurry forward the wire, and oblige

Yours truly,
LABORATORY OF THOMAS A. EDISON.

Feb. 12, 80.

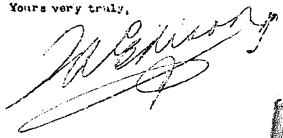
The Edison Phonograph Toy M'f'g. Co.,

95 Milk Street, Boston, Mass.

Dear Sirs:-

Will you very kindly send me a check for the amount of bills at present in your hands, covering toy phonograph experiment to the end of December, $2,644.99. If you will mail this to me to-morrow (Wednesday), I shall be greatly indebted.

Yours very truly,



Feby. 13th 9

American Watch Tool Co
Waltham
Mass.
Gentlemen.

Send Chucks for Lathe
immediately. need them very much
Yours &c
Thomas A. Edison

Feb. 14, 89.

Mr. James Dredge,
London, England.

Dear Sir:-

I have your letter of 2nd inst., enclosing statement of money expended on my account, amounting to £35-19-0, and notifying me that you would draw for same. I shall be pleased to accept this draft when it comes forward.

Yours truly,

Thos. A. Edison.

Feb. 14,89.

Messrs. Borgmann & Co.,
New York City.

Dear Sirs:-

Please hurry forward the enclosed order, and much oblige

Yours truly,

Electrician.

Feb. 14, 1890.

My Dear Professor Barker,-

In reply to your letter of 12th instant, I can let you have a phonograph on the 25th of March next.

Have you come to any decision yet in regard to the Sultan of Turkey presentation?

Yours truly,

Thos. A. Edison
M.

Prof. Geo. F. Barker,
3909 Locust St., Phila., Pa.

Feb. 11, 1889.

The Edison United Mf'g. Co.,

[illegible]

Dear Sirs:

[illegible] to Mr. Weeks's installation, believe that if we were to undertake the work of regrooving the lead covered wires with tubing, that it could be done at a cost not exceeding $1,000. We would be willing to undertake this work, on your behalf, at absolute cost, if you concur in our belief that we could do it cheaper than yourselves. Should you wish to have your own engineers make an estimate, we will send you a plan of the proposed installation.

Yours very truly,

Atlee

Feb. 14, 1889.

My Dear Professor Thurston,-

Very many thanks for the congratulations contained in your letter of 3d instant. I hope some time to have the pleasure of visiting Cornell, but at present my experimental work is in such condition that I cannot name a definite date.

Yours very truly,

Thomas A. Edison

Prof. R. H. Thurston,
Cornell University,
Ithaca, N. Y.

Feb. 13, 1889.

T. C. Mendenhall, Esq.,

Rose Polytechnic Institute,

Terre Haute, Ind.

Dear Sir:-

Mr. Edison has received your letter of 10th inst. and asks me to say in reply that in about six weeks the phonograph will be introduced into China and Japan by our Agents, Messrs. Frazar & Co., No. 134 Water St., New York City. This firm has full control of the phonograph in those countries, and your suggestion in regard to the Imperial University will be conveyed to them. Mr. Edison asks me to say further that as soon as we are turning out phonographs in sufficiently large numbers to relieve the present pressure, he will see what can be done in regard to furnishing you with one for your physical cabinet.

Yours truly,

[signature]

to Secretary.

Feb. 14. 8[illegible]

Mr. James Dredge,

85 & 86 Bedford St., Strand,

London, W. C., England.

Dear Sir:-

I am in receipt of your letter of 25th ultimo, and take pleasure in approving all you have done in connection with ore milling. I shall be glad to have you draw upon me at any time for all expense connected with this installation.

Yours very truly,

Thos. A. Edison

223
222

Feb. 14, 1889.

[illegible] Baxter, Esq.,

[illegible]kwood Terrace, Murray Hill,

Malden, Mass.

My Dear Sir:-

Mr. Edison has received your letter of 9th instant, in regard to obtaining a phonographic record of the poet Whitman. He is very much obliged for your suggestion, and will endeavor to carry it out.

Yours very truly,

Private Secretary.

Feb. 14, 1889.

Jesse H. Lippincott, Esq.,
North American Phonograph Co.,
160 Broadway, N. Y. City.

My Dear Sir:-

In reference to the attached letter from Mr. Sylvester Baxter, Do you wish to act upon this gentleman's suggestion, and obtain a phonogram from the poet Whitman?

Yours truly,

Th. Edison

Feb. 14, 1889.

Mrs. J. C. McIntire, Sec'y.,

Ladies' Aid Society, E. Orange Calvary M. E. Church,

East Orange, N. J.

Dear Madam:-

In reference to your letter of 7th instant to Mr. Edison, will you kindly let me know when the exhibition referred to is to be held.

Yours very truly,

A. O. Tate

Private Secretary.

Feb 15th 1889

German National Bank
Newark
N. J.

Dear Sirs

I beg to enclose you herewith the following checks which please place to my credit, and oblige

From J. H. Chapman	$ 4910.41
" Edison Phonograph Toy Mfg Co	2641.99
" Myself	5000.00
	$ 12552.40

Yours truly
Thomas A. Edison
A.

Feb. 15, 89.

Edison Phonograph Toy M'f'g. Co.,
#65 Milk Street, Boston, Mass.

D e a r S i r s :-

I beg to acknowledge, with thanks, receipt of your check for $2,644.99, in payment of your Experimental a/c. to January 1st, 1889.

Yours very truly,

Feb. 15, 1880.

James Bredge, Esq.,

L o n d o n, England.

My Dear Sir:-

A draft was presented here this morning, drawn at three days' sight by Mr. O. S. Wiley, for fifty pounds. Mr. Wiley has not been authorized by Mr. Edison to make drafts or to obtain money in Mr. Edison's name in any manner whatsoever, excepting through yourself, and in accordance with the arrangement which we have already made with you for supplying him with funds. The Orange National Bank, which presented the draft referred to, assured me that no money had been advanced upon the same in London, the paper having simply come through here for collection. Under these circumstances I promptly returned it. Of course if the person through whom this draft was drawn in London had advanced the amount of the same, I would have accepted the draft and paid it, in order to protect Mr. Edison's name; for although Mr. Wiley had absolutely no right to take this step, he is in Mr. Edison's employ, and therefore in a position to use Mr. Edison's name in

obtaining money from persons unfamiliar with the extent of his authority. Mr. Edison will be greatly indebted to you if you will ascertain whether or not Mr. Wiley has collected money on the draft in question. I have the assurance of the bank above referred to that no funds were advanced, but as we wish to be absolutely certain, we would like you to investigate the matter, and should you find that Mr. Wiley has received the whole or any part of this amount, and if in your judgment the amount so advanced should be paid in order to protect Mr. Edison's name, the latter wishes you to be good enough to discharge the indebtedness, and draw upon him for the amount so disbursed, when you are sending through your next regular draft.

Yours very truly,

Private Secretary.

Feb. 15, 89.

Messrs. S. & J. Davis,

Orange, N. J.

Dear Sirs:-

I want a luncheon served in the Laboratory, at one o'clock in the afternoon of Wednesday, 20th instant. I anticipate about 150 people, but there may be more. I wish you would please register this order, and communicate with me by telephone or otherwise in regard to details at such time as may be necessary for you to prepare for the occasion.

Yours very truly,

Telegram. Orange, Feb. 15, 1889.

L. M. Ruben,

23 Union Square, New York.

Are you coming to Laboratory with quartette Sunday, and what time? A n s w e r.

W A N G E M A N N.

Feb. 16, 89.

Mr. O. S. Wiley,
c/o James Dredge, Esq.,
35 & 36 Bedford St., Strand, London, W. C.,
England.

Dear Sir:-

I beg to confirm the following cablegram sent you yesterday:-

"See Dredge and come home immediately. EDISON."

Yours truly,

T. Edison

Feb. 16, 89.

James Dredge, Esq.,

London, England.

Dear Sir:-

I beg to confirm the following cablegram sent you yesterday:-

"Give Wiley ticket to New York and enough money for current expense. Have ordered him home; will send another man. EDISON."

Yours truly,

Edison

Feb. 18, 89.

M r. B a t c h e l o r,

Mr. Edison asked me to refer to you the attached letter from S. Bergmann. He says to send some one in with a phonograph. The fair is to be held in the Am. Institute Building. I told Bergmann's messenger that we would communicate with him to-morrow morning by telephone, and that a phonograph would be sent to him sure. Bergmann's telephone number is 23539.

Fred Ott

February 18, 1889.

J. W. Chapman, Esq.,

New York City.

D e a r S i r :-

In compliance with your request to be informed as to the condition of the Edison Phonograph Works, I take pleasure in submitting the following data, which shows the exact standing of that Company at the present time:-

This Company, which is controlled by Mr. Edison, possesses the exclusive right to manufacture phonographs both for use in the United States and for export, on a margin of twenty per cent (20%) profit.

We have not undertaken to supply phonographs at any specified price, but, on the contrary, are enabled under our contracts to charge out our material, labor and general expense and then add twenty per cent (20%) of the same as a manufacturer's profit, thereby being absolutely assured of a twenty per cent margin on our output. We have at the present time firm orders for eighty phonographs per day, the margin or manufacturer's profit on which, as explained above, amounts to about five hundred dollars ($500) per diem, or $150,000 per year.

F. W. C. -2-

I give you the details of our business below:-

Assets.

Machinery, tools & plant	$106,488.33	
Buildings, real estate and fixtures	91,738.16	
Material and parts in process of manufacture	74,527.00	
Sundry Debtors	469.93	
Cash in Bank	6,160.77	
		$279,364.18.

Liabilities.

BILLS PAYABLE.		
T. A. Edison, Loan	29,641.75	
Orange Nat'l. Bank Loan	15,000.00	
		44,641.75
Notes issued for current accounts		41,320.67
Open Accounts.		
T. A. Edison		
Material & labor in connection with work at Laboratory (not experimental)		20,868.08
Amount due for current accounts		8,097.85
Mortgage		10,000.00
		$124,928.35.

The notes which have been issued by this Company to Mr. Edison, as above, on his Loan Account, the loan from the Orange National Bank, and our mortgage, and the amount due Mr. Edison in open account, amounting in all to $75,509.83, represent a floating liability, capable of renewal or substitution. The amount due Mr. Edison in open account will not have to be paid until we desire to liquidate it. Our immediate liabilities are, therefore, reduced to the amount which we owe for notes issued for current accounts, covering a period of three months: $41,320.67

and amount due in open account for current expenses 8,097.85

Total $49,418.52,

and are considerably more than covered by the value of our raw material, parts manufactured and in process of manufacture, sundry debtors and cash in hand, amounting in all to $61,157.70, and leaving our machinery, tools and plant, buildings, real estate and fixtures, or $198,206.48, as an offset against a floating liability of $75,509.83.

Equipment.

Our Works are equipped throughout with the very latest and most approved labor saving machinery; our buildings are new and were specially designed for factory purposes; our material is all freshly purchased, and we can without any increase of our present

plant turn out one hundred and fifty (150) complete phonographs every twenty-four hours, or about $5,000 to $6,000 of work per day.

In forming an opinion you must bear in mind the facts that it is only seven months since we first broke ground for the foundations of our present buildings; and that though the work of exploiting the phonograph in this country and the rest of the world has only just commenced, the people who are pioneering the same and for whom we manufacture have been enabled thus early to absorb over half our present capacity.

Yours truly,

A. G. Bell

Secretary and Treas'r.

Feb. 1st, 1883.

My Dear Mr. Frazar,-

I will not be in town on Friday, but will try and see you on Tuesday.

Mr. Irwell sent a patent case to us, which has been placed in the Phonograph Works, under Mr. Batchelor, and to whom Mr. Batchelor will be able to form an opinion in a day or two.

I will be prepared to tell you all about your expert early next week, and will at the same time complete all matters now pending with relation to your handling the phonograph in China and Japan.

Yours very truly,

Private Secretary.

Everett Frazar, Esq.,

124 Water St., N. Y.

Feb. 18, 89.

Mr. Theo. A. Blake,

New Haven, Conn.

Dear Sir:-

I beg to confirm the following telegram sent you to-day:-

"If you can get Crumbar here by morning of 20th, we can have it running for meeting of Engineers. Answer.
T. A. Edison."

Yours truly,

Thos. A. Edison

Feb. 19, 89.

Mr. Chas. A. Bloomfield,
27 Park Street,
New York City.

Dear Sir:-

Mr. Edison would like you to make him an offer for
the 7 freight cars referred to in your letter of 9th instant.

Yours truly,

Private Secretary.

Feb. 18, 1889.

Wm. H. Wiley, Esq.,

New York City.

My Dear Sir:-

I think you are familiar with the arrangement which we made with Mr. Dredge for supplying your brother with funds, in a manner which would enable him to cover the overdraft of $300 which we discovered in his account. At the time this arrangement was made I wrote your brother, explaining to him fully what Mr. Edison's wishes were in the matter, and instructing him as to the amounts which Mr. Dredge had been authorized to advance him. In the face of this arrangement, and in direct opposition to Mr. Edison's orders, your brother made a draft upon Mr. Edison for fifty pounds, which has just been presented for acceptance, and which we have promptly returned.

The annoyance which this unauthorized draft has caused Mr. Edison resulted in his telegraphing Mr. Dredge to hand your brother a ticket for New York and sufficient money for current expenses, and in a cablegram addressed to your brother, instructing him to return home immediately.

It is needless for me to express Mr. Edison's disappointment at this result, and I think you will concur in the belief that when your brother showed signs of thus taking the bit in his teeth and using his connection with Mr. Edison to go behind Mr. Dodge and make trouble on his own account, there was nothing left to do but put an end to it by ordering him to return home.

Yours very truly,

[signature]

President's Secretary.

Feb. 10, 82.

Mr. Philip S. Dyer,

7 Rue de L'Empereur,

Antwerp, Belgium.

Dear Sir:-

I beg to confirm the following cablegram sent you to-day:-

"See Doctor Lelande, inventor Lelande Chaperon Battery; get license during life American patent for battery for general purposes outside of electric lighting will pay royalty five per cent on cost; don't care for exclusive license; only want right to make; no objections showing telegram to Lelande. EDISON."

Yours very truly,

Thos. A. Edison

Feb. 19, 89.

S. Flood Page, Esq.,
The Edison & Swan United L. Lt. Co.,
14 Albert Mansions, Victoria St., LONDON, S. W.
England.

D e a r S i r :-

I beg to confirm receipt of the following

cablegram received from you yesterday:-

"Judgment Court Appeals unanimously reversed Kay's judgment, thus restoring your lamp patent giving us absolute monopoly incandescent lighting England. EDISWAN."

To which I replied to-day as follows:-

"After reading Webster's speech I knew we would get it; his intellect appears to me gigantic. EDISON."

Yours very truly,

Thomas A. Edison

Feb. 19, 1889.

Samuel Insull, Esq., Gen'l. Manager,

Messrs. Bergmann & Co., 292 Ave. B.,

New York City.

D e a r S i r :-

The stamp and die referred to in your letter of 13th instant have been received at the Laboratory and placed in Mr. Edison's room.

Yours very truly,

Private Secretary.

Feb 20 1889

Orange National Bank
Orange N.J.

Dear Sirs

I beg to enclose you herewith check for $ 250.00 and in exchange $ 13.92 (Please place same to my credit and oblige

Yours truly
A. E. Pate
A.

Jno. Birkenbine
#25 N.E. City Hall Square
Philadelphia

Can you get here tomorrow
Couple of hours in advance
of others to fix your
paper on Ore Milling

T A Edison

Feb. 20, 1901.

My Dear Mr. White,

I have received your letter of 16th instant, enclosing a memorandum from Mr. Bishop Putnam, in regard to Electro Magnetic machine. I am very much obliged for this information, and will be indebted if you will send me any data that you may obtain from time to time which you consider would interest me, as I am conducting experiments in this same direction.

Yours very truly,

Nikola Tesla

Horace White, Esq.,
The Evening Post,
New York City.

Feb. 26, 80.

Messrs. Drexel, Morgan & Co.,

New York City.

Dear Sirs:-

I have accepted a draft for £474-5-6, made upon me by Messrs. Mackrell, Maton & Godlee, of No. 21 Cannon Street, London, E. C., payable on the 24th day of the present month at the banking house of J. S. Morgan & Co., London, England. Will you very kindly advise your friends in London to meet this draft, and charge same to my account through yourselves.

Yours very truly,

Thos. A. Edison

Feb. 20, 1880.

Electric Time Company,

Mr. J. A. Davidson, Sec'y.,

16 Broad St., New York City.

Dear Sir:-

With reference to your letter of 19th instant, we returned you the hands because they were not suited for the movement with which you supplied us, being much too heavy. We do not think they were ever intended for a movement such as ours, as they are heavy enough for one twenty times as large. If you cannot supply us with proper hands, we will make them ourselves.

Yours truly,

John F. Ott.

M.

Feb. 7, 89.

Messrs. Tobias & Co.,

49 Beaver Street,

New York City.

Dear Sirs:-

Referring further to your letter of 21st ultimo, we are returning you by this mail the sample of Thorit which you kindly sent us. Mr. Edison would like to know how much you would charge him for 25 lbs. of this mineral. He is desirous of experimenting with it, and the sample you sent him is too small for that purpose.

Yours very truly,

Private Secretary.

Feb. 20, 88.

Col. George E. Gouraud,

Little Menlo, Upper Norwood,

Surrey, England.

Dear Sir:-

I have received your letter of the 6th instant, in regard to advances which you have made to Mr. O. S. Wiley. You have an entirely mistaken idea of this whole business. Mr. Wiley was sent by me to London to carry out certain definite instructions which were given him before he left New York, in connection with an arrangement which I had previously made with Mr. Dredge. Mr. Dredge received from me a letter, instructing him in regard to payments which were to be made to Mr. Wiley, on my behalf; and I desire to say right here that Mr. Dredge has carried out these instructions to the letter, that I have had no misunderstanding with him, and that the trouble which has occurred has been entirely the fault of Mr. Wiley. A short time after he arrived in England I found that he had overdrawn his account some sixty pounds These sixty pounds were advanced to him by you, at the same time

that he was receiving money from Mr. Dredge. I wrote Mr. Wiley for an explanation, and he returned a very thin excuse in regard to expenses which he had to incur for cabs on account of his being unfamiliar with the City of London, which was really no explanation at all. I thereupon wrote to Mr. Dredge to reduce Mr. Wiley's allowance to an amount which was quite sufficient for him to live comfortably in London, my intention being to credit his account with the balance of his allowance, and thus absorb the overdraft referred to and have him pay back the indebtedness in that manner. At the same time I notified Mr. Wiley of this arrangement. In direct opposition to the instructions given him, Mr. Wiley drew upon me the other day for fifty pounds, and I immediately cabled Mr. Dredge to hand this young man a ticket for New York and sufficient money for his current expenses, and cabled Wiley to return home at once.

So far as I can tell from this distance, Mr. Wiley appears to have simply run wild in London, and used his connection with myself for the purpose of raising all the money he could obtain from my friends. Mr. Wiley was not required to pay out any money, excepting for his own expenses. All other expenses were provided for by my arrangement with Mr. Dredge, which was a very perfect one, he being entirely familiar with my wishes.

Col. G. E. G. -3-

I wrote you some time ago, asking you not to advance Mr. Wiley any money, but it appears from your latter under reply, that he has persuaded you to make him further payments. I wish you would be kind enough to draw upon me immediately for the full amount which you have advanced in this manner, so that I can close the matter up.

Yours very truly,

Thos. A. Edison

Feb 20/79

Dear Mr Villard:

I have just received your message in regard to meeting yourself and Prof Marks. I have a series of important lamp experiments running through this week and if entirely agreeable to you I would suggest an appointment for Sunday. If this will not be convenient however I will be very glad to be at your house at noon on Saturday 22nd inst.

Yours Respectfully

Thos A Edison

Henry Villard Esq
Mills Building
New York City

Delay 24/69

Messrs Perry & Ryer

Gentlemen,

We send by bearer a package containing Four [illegible] clothing, Socks, Rubber Coat &c. Capt Dibble at Fifteen Mile Creek [illegible] Pioneer Mess Tent [illegible] Leadenhall, London, England, [illegible] Kindly [illegible] that it shall go by [illegible] steamer (the last regular [illegible] Kindly procure necessary Bill of Lading, &c.

Yours truly

Thomas A. Edison

Newark.

307

Mr. Dickson, February 21, 1889.

Mr. James MacNaughton has sent some ore here, which understand contains Titanium. Mr. MacNaughton tells me Titanium occurs in crystals, and that there is no chemical combination between this element and the iron. We would like to have some of this ore run through the separator as soon as possible--to-day if practicable. Perhaps Mr. Edison would like to examine the concentrates before Mr. MacNaughton is communicated with.

A. O. Tate

Feb. 21, 1880.

Mr. Charles H. Hoeley,

The Edison Loop Company,

Harrison, N. J.

My Dear Sir:-

In reply to your letter of 19th instant, all the exhibitions of the phonograph that are given are arranged for by the North American Phonograph Co., No. 160 Broadway, New York, to which you would have to apply for permission to exhibit the phonograph at the entertainment you refer to.

Yours very truly,

Private Secretary.

Feb. 21, 89.

My Dear Mr. Fox,-

Mr. Edison has received your letter of 20th instant, and says for you to come over to the Laboratory any day this week, excepting Saturday, or any day next week convenient to yourself.

Yours very truly,

Private Secretary.

Edwin M. Fox, Esq.,

140 Nassau St., New York.

Mr. Kennelly, Feb. 21, 1889.

The arrangement with Mr. McAllister was made with Mr. Edison himself, and the latter tells me that McAllister agreed to send the views out here and let them remain until they were examined. No limit was placed upon the time during which we were to keep them. Mr. Edison says that if McAllister cannot leave the views in accordance with this arrangement, we will return them all to him at once. I have written McAllister and will advise you as soon as I receive a reply.

Yours truly,

Feb. 21, 89.

Col. Gen. M. McMahon,
Tynsta Hur, Upper Norwood,
Surrey, England

Dear Sir:-

I beg to acknowledge receipt of your letter of 8th instant, in regard to Mr. Sabine, for which I am much obliged.

Yours truly,

Feb. 21, 89.

Major S. B. Eaton,

120 Broadway,

New York.

Dear Sir:-

I enclose herewith copy of Mr. Edison's agreement with the Phonograph Works, under date 12th May, 1888, and beg to call your attention to the 4th paragraph thereof, which provides for the assignment of 38% of the stock issued to Mr. Edison under the above agreement to a trustee upon the conditions named. All this stock has been issued to Mr. Edison, and I wish to arrange for carrying out the provision in regard to trust. The Garfield Safe Deposit Co. will be a satisfactory trustee to Mr. Edison. I will call and see you about this matter one day this week.

Yours very truly,

A. O. Tate

Private Secretary.

M.

Feb. 21, 88.

George F. Northrop, Esq.,
206 East Ridge St.,
Marquette, Mich.

Dear Sir:-

In reply to your letter of 17th instant, I beg to say that Mr. Edison is experimenting in the direction which you indicate, but at the present time is not able to give as much attention to the subject as he intends doing later on, his time being almost exclusively taken up with other matters. He thinks that in about three months he will be able to go into these experiments actively.

Yours very truly,

A.O. Tate

Private Secretary.

M.

Feb. 21, 1880.

Messrs. James Queen & Co.,

Philadelphia, Pa.

Dear Sirs:-

When may I expect to receive the micro [illegible] of [illegible] ordered from you a long time ago? Is there any hope of getting it before 1880? Kindly let me hear from you by return mail, and oblige

Yours truly,

Thos. A. Edison

Feb. 21, 83.

H. Villard, Esq.,

New York City.

Dear Sir:-

I beg to confirm the receipt of the following telegram received from you to-day:-

"Suggest Monday noon my office for meeting."

To which I replied as follows:-

"All right; will be at your office Monday noon."

Yours truly,

Thos. A. Edison

Feb. 22, 89.

American Watch Tool Co.,

[illegible], Mass.

Dear Sirs:-

We have returned the spindle of lathe which we received from you. We found that it had a slight flaw and was cracked in two. Please make a new one and forward it to us as soon as possible.

Yours truly,

A. Edwards

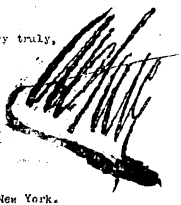
Feb. 25, 89.

My Dear Townsend,-

I have your letter of 20th instant. Some day I may see you like and bring Lathrop with you. If you can conveniently do so, let me know a couple of days ahead, so I can arrange to be here, as Mrs. Tate and myself would like to have you both lunch with us.

In regard to extra views which you want, the very best I can do is to send you blue prints taken from the negatives. These will be mailed to you this evening. I think that they will answer your purpose.

Yours very truly,



Horace Townsend, Esq.,

New York.

Feb. 23, 89.

A. B. Dick Company,

152-154 Lake St., Chicago, Ills.

Dear Sirs:-

I beg to acknowledge receipt of yours of 16th instant, enclosing Certificate No. 84 for sixty-six shares of the capital stock of the A. B. DICK COMPANY, with guarantee as agreed.

Yours very truly,

T. A. Edison

Feb. 23, 80.

Mr. L. Morlot,

1681 Fairmount Ave.,

Philadelphia, Pa.

Dear Sir:-

With reference to your letter of 19th instant, we can give you a position in the Laboratory, starting you at $18.00 per week. If your work proves satisfactory, your salary may be raised to $21.00 per week. We wish you to come immediately. How soon can you be here?

Yours truly,

Thos. A. Edison

Feb. 23, 82.

J. W. Chapman, Esq.,

31 Nassau Street,

New York City.

Dear Sir:-

I beg to acknowledge receipt of yours of 19th inst., enclosing check for $19,829.54, for which please accept thanks.

Yours very truly,

Private Secretary.

Feb. 23, 89.

Col. Geo. E. Gouraud,
Fifth Ave. Hotel,
New York.

Dear Sir:-

I beg to request you to forward me the following cablegram

from [illegible] dated Feb. 24th, viz:-

"Cable me on receiving morning Fifth Avenue Hotel
[illegible] Harry Photogram & Co large full width
[illegible] on heavy expenses."

Yours truly,

Thos A Edison

up to the 24th but we do not know as we are to pay
anything more than
[illegible]

Feb. 24, 89.

P o s t m a s t e r,

Orange, N. J.

Dear Sir:-

Please deliver to bearer the registered letter re-
ferred to on attached notice.

Yours truly,

Thos A Edison

c.

Feb. 23, 89.

E. M. Fox, Esq.,
140 Nassau St.,
New York City.

Dear Sir:-

I beg to confirm receipt of your telegram of to-day as follows:- "Shall be at your Laboratory Monday afternoon," to which I replied "Come Tuesday; will not be here Monday."

Yours truly,

Feb. 23, 89.

Addison Rogers,
Elk View, Chester Co., Pa.

In reply to your letter of 19th instant, I regret to state that there is no position vacant in Mr. Edison's business to which you could be appointed.

Yours truly,

Private Sec'y.

Joseph Taft, Esq.,

146 Broadway,

New York City.

My Dear Sir:-

What was the result of your investigation of Laboratory building in regard to Everett's claim?

Yours truly,

Private Secretary.

Feb. 25, 1880.

James Dredge, Esq.,
35 & 36 Bedford St., Strand,
London, W. C., England.

My Dear Sir:-

I am very much obliged for your kind letter of 16th instant and for copies of the prospectus of the Braphophone Syndicate.

Yours very truly,

Thos. A. Edison

Feb. 26, 89.

Major S. B. Eaton,

120 Broadway, New York.

My Dear Sir:-

In reference to the enclosed, Can we not stop the use of Mr. Edison's name in connection with this belt? I have written Mr. J. Wolson Trask to the effect that the invention is not Mr. Edison's, and that the latter will prosecute any one using his name improperly.

Yours very truly,

Private Secretary.

Feb. 25, 89.

J. Nelson Trask, Esq.,

New Salem, Franklin Co., Mass.

D e a r S i r :-

Mr. Edison is very much obliged to you for having called his attention to the pamphlet issued by E. J. Smead & Co., Saratoga Springs, N. Y., in regard to an Edison Electric belt. This is not an invention of Mr. Edison, and he knows nothing whatever about it. I may add that I have communicated with Mr. Edison's attorneys, and asked them to take steps to suppress the improper use of Mr. Edison's name.

Yours very truly,

Private Secretary.

Feb. 25th, 89.

Messrs. Dyer & Saely,

New York City.

Dear Sirs:-

I enclose herewith a letter which we have received from Col. Gourand, under date 16th instant, in which he states that certain countries require, by their laws, that the patented apparatus shall, within a certain time, be manufactured in the country. You are, of course, informed as to the requirements of the different Governments in this respect, and I wish that you would kindly write us as early as possible, giving us full information as to the course which we must pursue with respect of manufacture in order to protect our various phonograph patents in foreign countries. Kindly return Col. Gourand's letter when you are through with it.

Yours very truly,

[illegible] Secretary.

Feb. 25, 89.

My Dear Professor Marks,-

I want to obtain, if it is at all possible, a full set of blue prints of your Philadelphia Station, both of the building and interior equipment. Could you have these made for me and forward them to Orange? Kindly let me hear from you at your convenience.

Yours very truly,

Thos A Edison

Prof. Wm. D. Marks,

Philadelphia, Pa.

Feb. 25, 89.

The Edison United M'f'g. Co.,

New York City.

Dear Sirs:-

We are sending you by same mail the only sample of Mr. Burke's underground cable that we have. The trouble with this cable is, that the insulation eats away in a very short time after it is laid in the ground, which you can see for yourselves from the different samples that we have sent you. I may add that there is now not a single light burning in connection with this outside installation. The system is absolutely useless.

Yours very truly,

Feb. 25. 89.

Prof. R. H. Thurston,

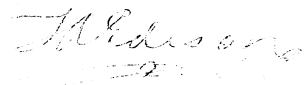
Sibley College, Cornell University,

Ithaca, N. Y.

My Dear Sir:-

I have your letter of 19th instant, enclosing schedule of your Spring Inspection Tour. The date specified for your visit to the Laboratory, Wednesday, March 27th, is entirely satisfactory, and we will be pleased to receive the young men on that day.

Yours very truly,



Feb. 25, 80.

D. Cameron, Esq.,
102 Mansfield Street,
Montreal, Canada.

Dear Sir:-

I beg to acknowledge, with thanks, receipt of your letter of 13th instant, informing me that I had been elected an Honary Member of the "Canadian Electrical Society of Montreal," of which you are Honorable Secretary.

Yours very truly,

Alexander Graham Bell

Feb. 26, 1880.

William Holzer, Esq.,

c/o The Edison Lamp Co.,

Harrison, N. J.

Dear Sir:-

I understand there are a number of freight cars at Menlo Park which belong to Mr. Edison. The latter has received an offer of One Hundred Dollars for these, and he would like you to inspect them, and let us know how many cars there are and if you consider $100 a fair price for same. Kindly give this your prompt attention, as the gentleman who made the above offer must have an early reply.

Yours very truly,

A. Tate

Private Secretary.

A. T.

Feb. 26, 89.

Mr. James MacNaughton,

248 State Street,

Albany, N. Y.

My Dear Sir:-

We have made a test of your ore, and I am informed that it works very satisfactorily. Let me know when next you are in the city, and, if you will come out, I will arrange to have some put through for you, and you can take samples for assay.

Yours very truly,

Private Sec'y.

Feb. 26, 89.

Mrs. Phebe Armstrong Cox,

A z a l i a, Bartholomew Co., Indiana.

D e a r M a d a m :-

With reference to your letter of 19th inst., I regret to state that Mr. Edison has not yet perfected his instrufor the relief of the deaf, and it is impossible at this time to state definitely when it will be ready to be placed upon the market. For some time past the phonograph has absorbed so much of Mr. Edison's time that his work in other directions has been more or less neglected. Now, however, that the phonograph is completed he will have an opportunity to take up some of his other experiments, and one of the first upon which he intends resuming vigorous work is the deaf instrument.

Yours very truly,

Private Secretary.

Feb. 26, 89.

Mr. Chas. A. Bloomfield,

27 Bank Street,

New York City.

Dear Sir:-

Your letter of 20th instant is at hand, and I will let you know one day this week whether or not Mr. Edison will accept your offer of $100 for the 7 freight cars.

Yours very truly,

A. Tate

Private Secretary.

461

Feb. 24, 80.

Mr. John Krouse, Ass't. Gen'l. Manager,

The Edison Machine Works,

Schenectady, N. Y.

My Dear Sirs-

Are you making up any more of the large magnets for Ore Milling plants? If so, please let me know, as I find that our "artists" have made a mistake in their calculations. The large
lugs under the magnet will have to be some two inches longer on each side, making in all four inches. Kindly let me know about this as soon as possible, so I can remedy the fault. Will send you exact details of drawing.

Yours very truly,

John F. Ott.

M.

Feb. 24, 1889.

Dear Miss Locke,-

In reply to your letter of 25th instant, I beg to say that Mr. Edison has already completed his arrangements for representation at the Paris Exposition. You have been misinformed as to our employing young ladies to exhibit the phonograph there.

Yours very truly,

A. O. Tate,

Private Secretary.

Miss Myrtle Locke,
c/o Messrs. Geo. Wm. Ballou & Co.,
5 & 7 Wall St., N. Y. City.

March 17, 88.

M r s. K a l i s h,

Room 1208, Hotel Normandie,

New York City.

M y d e a r M a d a m:-

I have just received your telephone message to the effect that you were not coming out to Orange, and regret very much that I will not have the pleasure of entertaining you at the Laboratory to-day.

I will be at liberty to-morrow (Thursday) until three o'clock P. m., also all of Saturday, March 22d, and if it would be convenient for you to run out on either of those days, I would be very pleased to have you do so. If, however, you find it impracticable to come out this week, any day next week, most convenient (omitting Sunday) to yourself, is at your disposal. I trust that both yourself and Mr. Kalish will find it possible to visit the Laboratory on some one of the above mentioned days, when I am sure Mr. Edison and myself will be very pleased to receive you and do all we can to make your visit a pleasant one. Would it be possible to bring some one with you to play accompaniments?

Yours very respectfully, A. Theo. F. Wangemann.

Personal

Dec 28/89

Dear H. Villard:

Do not commit yourself as far as Electric light is concerned to Thompson-Houston. Delay talking. There are some very bad features. I am investigating advisability from all points.

Yours Truly
Thomas A. Edison

Henry Villard Esq
Care Drexel
New York

Feb. 28, 1889.

H. M. Francis, Esq.,
726 Craig Street,
Montreal, Canada.

Dear Sir:-

I am very much obliged for your letter of 25th instant, in regard to the Canadian Electrical Society.

With relation to the manufacture of the phonograph, this is, of course, a matter which directly concerns the North American Phonograph Co.. I believe that some time must elapse yet before it becomes necessary for us to manufacture phonographs in Canada in order to save our patents. I cannot say now what arrangement will ultimately be made.

Yours very truly,

Feb. 28, 1880.

Oberlin Smith, Esq.,

Bridgeton, N. J.

My Dear Sir:-

In reply to your letter of 26th instant, I will see what Mr. Edison has to say about the magnetic cord which you mention as soon as he has sufficient leisure to give a few moments' time to the subject. He has commenced a new experiment upon which he is working night and day, and I have great difficulty in getting a little of his attention on ordinary routine matters. I will write you again as early as possible.

Yours very truly,

Private Secretary.

Feb. 28, 89.

James MacNider, Esq.,
138 Water Street,
New York City.

My Dear Sir:-

Your letter of 27th instant to Mr. Edison has been received. The phonograph outside of the United States and Canada is controlled by Col. Geo. E. Gouraud, upon whose order only can we ship phonographs to foreign countries. I may say that Col. Gouraud at the present time is engaged in getting his agencies in shape, providing for representation in the different countries which he controls, and I do not know whether he would be willing to send a machine to Panama, unless he has a representative in that country. We receive numbers of orders for phonographs to be sent into Col. Gouraud's territory, and are obliged to refer them all to him, as he alone can take action on them. You can communicate with him direct. His address is, "Little Menlo, Upper Norwood, Surrey, England."

Yours truly,

Feb. 28, 89.

Col. Geo. E. Gouraud,
Little Menlo, Upper Norwood,
Surrey, England.

Dear Sir:-

I beg to confirm the following cablegram sent you to-day:-

"Shipped treadle machine and thousand blanks twenty-third instant. Will send new machines latest improvements earliest possible date, advising definitely when able. EDISON."

Yours truly,

Thos A Edison

Feb. 28, 89.

Col. George E. Gouraud,
Little Menlo, Upper Norwood,
Surrey, England.

Dear Sir:-

I enclose herewith copy of your letter to Mr. Edison without date, as requested.

Yours truly,

Private Secretary.

Feb. 28, 1888.

My Dear Townsend,-

Your letter of 19th instant, introducing Mr. Walker, Editor "Cosmopolitan Magazine," was presented at the Laboratory this morning by a gentleman who did not leave his name. He came between nine and ten o'clock, before I had arrived and was unable to wait for me. He left the blue prints of the Lecture Room and Galvanometer Room, asking that they be bleached. I have given them to our Photographer, who will treat them as quickly as he can, and they will be returned to the address left by the gentleman above referred to.

Yours very truly,

Horace Townsend, Esq.,

New York City.

Feb. 28, 1889.

L. M. Ruben, Esq.,

#25 Union Sq., New York City.

D e a r S i r :-

I have your letter of 27th instant, in regard to the agency of the phonograph for the Kingdom of Denmark. Mr. Edison's General Agent for the phonograph in Europe, is Colonel George E. Gouraud, Little Menlo, Upper Norwood, Surrey, England, who has full charge of the allotment of territory in all foreign countries, and to whom it would be necessary for you to apply for an Agency in Denmark. I may say that Col. Gouraud is acquainted with General Christensen, whose excellent letter I return herewith, and if the former has not disposed of the territory which you desire to secure, I believe that Gen'l. Christensen's recommendation would assist you greatly in obtaining a favorable hearing from Col. Gouraud. I also return to you Mr. Chas. F. Trotbar's letter.

Yours very truly,

Private Secretary.

Feb. 23, 1889.

The Edison Lamp Co.,

Harrison, N. J.

Dear Sirs:-

I am in receipt of your letter of 27th instant, in regard to Mr. Rialton's account. As all the money which Mr. Rialton has received has been advanced by yourselves, excepting one or two small amounts which we paid him at the commencement of his engagement, and which have been billed to you, I think it desirable that you adjust his account direct instead of through me.

With relation to Mr. Hannington's account, I cannot make an appointment for this week, but will do so next week, and will render you all the assistance I can in straightening the matter out. I may say that Mr. Heeley and myself went over Mr. Hannington's account very thoroughly at the Laboratory one day, with the result that Mr. Hannington's overdraft was confirmed.

Yours very truly,

Feb. 25, 88.

W. W. Jacques, Esq.,

Edison Phonograph Toy M'f'g. Co.,

95 Milk St., Boston, Mass.

Dear Sir:-

Mr. Edison has received your letter of 21st instant, and wishes to know if you mean machines for cutting the tin records or for talking upon them? Kindly let me know this, and the matter will have immediate attention.

We note that you have prepared a manufacturing contract, and will bring it over in a few days for approval.

Yours very truly,

Private Sec'y.

Feb. 28, 89.

My Dear Insull,-

You will remember my having said to you that Mr. Edison wanted to withdraw from the connection which he has established in England with Mr. Dredge on Ore Milling matters. I had a conversation with Wiley the other day, and there is no doubt that you are right in believing that he wants to get his expenses in consideration for any services which he may render. Whether or not he will retire from this position and make some kind of a contingent arrangement, I am not prepared to say, but something should certainly be done at once, either one way or the other. Dredge, as you know, is giving the matter his attention solely on Wiley's account, and in the belief that Wiley is going to be furnished by Mr. Edison with an opportunity of making some money. It is costing something to maintain the plant which has been erected in England, and until you take action I cannot reply to Mr. Dredge's recent communication, setting forth his position in the matter.

S. I. -2-

CHAMBERS' ENCYCLOPAEDIA. At your request, I have not communicated with those people. I think it would be an excellent idea if we could arrange to have an article written for Mr. Edison and get him to revise it for this Encyclopaedia, or, if this is not practicable, we should communicate with Chambers and advise them, as they will doubtless desire to arrange with somebody else for the article.

Yours very truly,

Private Secretary.

Samuel Insull, Esq.,
New York.

Feb 28/89

My dear Upton:

The Lamp Co owes us $6394.82 on Experimental a/c to Dec 31/88. Let me have a couple of notes covering this amt. I have a good balance at the Fulton Nat'l and can discount some paper there without trouble now when it may be difficult later on. I don't want to come down on you suddenly for a heavy cash payment providing the issue of paper is any accommodation to you.

Yours truly

Thos A Upton Esq
Edison Lamp Co
East Orange

Pro tem

Pk 28/89

Dear Sir!

In reference to your recent Communication stating that you would be unable to meet your note for Two Hundred Dollars ($200) due 19th inst. I enclose a new note under date 19th inst. at four (4) months for $208.00 which covers the amount of the old note with interest @ 6% per annum together with like amt. for interest on new note, which matures June 22nd/89.

Please sign the latter and return it to me when I will forward you the old note.

Yours truly, Thos. A. Edison

Feb. 28, 89.

My Dear Mr. Field,-

Mr. Edison has received your letter of 27th instant, in regard to endorsing your friend, Mr. Birdsall for the position of Instructor in Electricity at Columbia College. I explained to Mr. Birdsall this morning that Mr. Edison had already endorsed Mr. S. S. Wheeler for this position and had written some very strong letters to Mr. Wheeler and Prof. Trowbridge. He cannot, therefore, consistently endorse anyone else for the same position, as such action would simply negative both endorsements, and do neither Mr. Wheeler nor your friend, Mr. Birdsall, any good. I think that Mr. Birdsall understands Mr. Edison's position thoroughly, as I took pains to explain it very fully to him.

Yours very truly,

Private Secretary.

C. J. Field, Esq.,
Edison Electric Light Co.,
New York. 104 & 106 Fifth Ave.

Feb. 28, 1889.

Hector de Castro, Esq., Vice-Pres't.,
The Commercial Cable Company,
New York City.

Dear Sir:-

I have received your letter of 23th instant, in regard to the "Exhibition of the history of retrospective work and of anthropological sciences." I am going to exhibit, in the space allotted to me, in the American section of the Paris Universal Exhibition, a number of my perfected phonographs, and also one of my old phonographs. The original phonograph is in the South Kensington Museum, together with the first incandescent lamp.

I wish you would kindly convey to Col. Laussedat my appreciation of his very generous remarks concerning myself, and say to him that I will arrange with my General Agent, Col. Gouraud, who has charge of the phonograph in Europe, to supply the exhibition in which Col. Laussedat is interested with one of my old forms of phonograph.

Yours very truly,

Thos. A. Edison

Feb. 28, 1889.

My Dear Professor Marks,-

I am very much obliged for your letter of 27th instant. I do not wish a complete set of blue prints of your installation, but should like to have about fifteen, covering the principal parts of your building and equipment. In order that you may understand my request, I will say that I am very desirous of assisting the efforts which are now being made by my friends in England to advance Central Station electric lighting, and the plans which I have asked you for are to form a part of the data which I am personally getting together to send across the water. I do not wish you to do anything which you may consider inconsistent, but perhaps you can see your way clear to assist me in this matter. I will, of course, bear any expense which may be incurred.

Yours very truly,

Thomas Edison

Prof. Wm. D. Marks,
Philadelphia, Pa.

March 1, 89.

Mr. J. B. Skehan, Sec'y. & Treas'r.,

The Edison Electric Illuminating Co. of N. Y.,

16 & 18 Broad St., New York City.

Dear Sir:-

I beg to acknowledge receipt of yours of 28th ultimo, enclosing Certificate No. 2944, for ten shares of the Capital Stock of The Edison E. Ill. Co., made out in my name.

Yours very truly,

Thos. A. Edison

March 1, 1889.

Philip S. Dyer, Esq., Agent,

7 Rue de l'Empereur,

Antwerp, Belgium.

Dear Sir:-

I beg to confirm the following cablegrams received from you and sent by me:-

EDISON, Orange, N. J. Feb. 27, 1889.
"Lalande wants one franc each battery litre capacity. D y e r."

DYER, ANTWERP. March 1, 1889.
"Royalty asked absurd; couldn't compete with a greater royalty than five cents litre capacity. Ascertain cash price for license for all uses outside lighting also for patent. Edison."

Yours very truly,

Thos. A. Edison

March 1, 1883.

Chas. V. Boinot, Esq.,

c/o Mr. J. H. Vail, 16 & 18 Broad St.,

New York City.

Dear Sir:-

I enclose herewith a letter introducing you to Col. Gourand. Wishing you all success

I am, yours very truly,

Private Secretary.

March 1, 1889.

Col. George E. Gouraud,

Edison House, Northumberland Avenue,

L o n d o n, W. C., England.

Dear Sir:-

At the request of Mr. Edison I beg to introduce to you Mr. Charles W. Boisot, who represents the Edison Lighting interests in the Argentine Republic, and who has been in America purchasing material for a large Edison Central Station now being installed in the City of Buenos Aires. Mr. Boisot is much interested in the phonograph, and approaches you with the idea of doing business in connection with the same in the Argentine Republic. Mr. Edison believes that the connection which Mr. Boisot has already established in that country, his identification with other Edison interests and his personal attainments are recommendations of a very high order, and hopes that his interview with yourself will result in mutual benefit.

Yours very truly,

Private Secretary.

Feb. 28, 89.

Dear Mr. Willard,-

In reply to yours of 27th instant, I have no objection to your sending a gratification to my Assistant, who exhibited the phonograph at your party.

Yours very truly,

Thos A Edison

Henry Willard, Esq.

March 1, 1889.

A Somerville, Esq.,
24 Lombardy Street,
Newark, N. J.

Dear Sir:-

I beg to acknowledge receipt of your check for $90.00, in payment for five cars bought of me by Mr. Bloomfield.

Yours very truly,

Thos A. Edison

March 1, 1880.

William Holmes, Esq.,

The Edison Lamp Company,

Harrison, N. J.

My Dear Sir:-

In further reference to the matter of freight cars at Menlo Park, I beg to advise you that Mr. Edison has disposed of five (5) of these to Mr. C. A. Bloomfield, who I understand purchased them for Mr. A. Somerville, of Newark, N. J. I mention this latter fact, in case the order for the cars should be presented by Mr. Somerville, in which event you will know that it is all right to deliver them to him.

Thanking you for the trouble you have taken in this matter

I am, yours very truly,

Private Secretary.

March 5, 89.

My Dear Hughes:-

In reply to your letter of 3d instant, Mr. Edison met with an accident which caused him some temporary distress, but he has fully recovered from it, as you have probably already seen by the papers.

Yours very truly,

Private Secretary.

Hon. Chas. E. Hughes,
67 Shonnard St., Syracuse, N. Y.

March 4, 93.

Mr. W. H. Wiley,

16 Astor Place, New York.

My Dear Sir:-

In reply to your letter of last instant, I will be very happy to give you all the assistance I can in connection with the preparation of an article for "Engineering." I have just loaned a full set of photographs of the Laboratory to some friends of ours, but they will be returned in time to let you have them.

Yours truly,

Private Secretary.

March 4, 1909.

Chas. A. Cheever, Esq.,

Metropolitan Phonograph Co.,

257 Fifth Ave., New York City.

Dear Sir:-

I beg to acknowledge receipt of your letter of even date instant to Mr. Edison, stating that you could send this week at times when they could be spared some four or five of your operators to be instructed in handling the new phonograph. We will see that every facility is given them to become familiar with the machine.

Yours very truly,

Private Secretary.

March 4, 1889.

Dear Mr. Cheever,-

In reply to your letter of 28th ultimo, regarding phonograph dolls, you will have to arrange for these through our Boston friends, Messrs. Briggs and Jacques, as the experiments conducted here at the Laboratory are for their account.

Yours very truly,

T. A. Edison

C. A. Cheever, Esq.

New York City.

March 4, 1889.

My Dear Scobel,-

Mr. Harrington handed me the enclosed papers, which were given him by yourself, and I showed them to Mr. Edison. Mr. Edison says that he will be very glad to be one of the General Committee, and will also subscribe $250 to the fund which is being raised for a monument to OHM. I cannot tell from these papers whether Mr. Edison should sign one of them or not, or to whom he should indicate officially his willingness to join in the enterprise, but if you will advise me as to what is necessary to be done, I will see that your suggestions are carried out.

Yours very truly,

Private Secretary.

F. H. Scobel, Esq.,
c/o The Edison United M'f'g. Co.,
New York City.

March 4, 1889.

Francis R. Upton, Esq.,

Edison Lamp Co., Harrison, N. J.

My Dear Sir:-

In reference to your letter of 1st instant, I find that it will be impossible for me to visit the Lamp Co. to-morrow (Tuesday) morning, to meet yourself and Mr. Mannington. I have written Mr. Mannington, making an appointment for Wednesday morning, 6th instant, and will be on hand at the Lamp Co. on that day about 11 : 40 a. m. I hope that this will suit you and that it will not conflict with any of your arrangements.

Yours very truly,

March 4, 89.

Mr. C. F. Hennington,
c/o The Edison United M'f'g. Co.,
65 Fifth Ave., New York City.

Dear Sir:-

Will you please meet Mr. Upton and myself at the Lamp Co. on Wednesday next, 6th instant, at 11 : 40 a. m., when we will go over your account.

Yours very truly,

Secretary.

March 4, 89.

My Dear Professor Marks,-

I have to thank you for your kindness in preparing the blue prints which I have asked for.

Yours truly,

Prof. Wm. D. Marks,
Philadelphia, Pa.

March 5, 89.

Pacific Phonograph Company,

328 Pine Street, San Francisco, Cal.

Dear Sirs:-

We beg to advise you that on Feb. 20th we shipped to you, per Wells Fargo Express, 1 foot treadle table with governor, phonograph body complete, with transmitter and receiver, also one speaking and one reading tube, and one small flat oil can.

Yours truly,

Thos. A. Edison

M.

March 8, 1889.

Mr. William B. Hibble,

Fort Myers, Fla.

Dear Sir:-

I am very much obliged for your letter of 28th ultimo, and wish you would request the Assessor to make a division of Mr. Edison's property and my own in the future.

I will write you again in regard to the smoke stack. I wired Mr. Edison that I would leave it to him, but if he wants to buy it I will set a price upon it and advise you.

Yours very truly,

Thos. A. Edison

M.

March 5, 89.

Col. George E. Gouraud,
Little Menlo, Upper Norwood,
Surrey, England.

Dear Sir:-

I beg to confirm receipt of the following cablegram dated 28th Feb., 1889:-

"1100 journalists meet Phonograph Mansion House ninth proximo; hurry supplies."

Yours truly,

Thos. A. Edison
M.

March 5, 89.

Messrs. C. Tobias & Co.,
49 Beaver St., New York City.

Dear Sirs:-

In reply to your letter of 2nd instant, Mr. Edison has decided not to purchase any Thorit at present.

Yours truly,

A. O. Tate
Private Secretary.
M.

March 5, 1889.

Mr. H. de C. Hamilton,

88 Gloucester Road, L o n d o n, S. W.,

England.

My Dear Sir:-

In reference to your letter of 15th ultimo, I cabled you yesterday as follows:-

"Await Hammer's arrival in London two weeks. Edison."

Mr. Hammer sails to-morrow (Wednesday) on the steamer "Germanic" for London, and will see you in regard to exhibiting the "Thorn Type-setting and Distributing Machine," in conjunction with the phonograph, at the Paris Exposition. Mr. Hammer has full charge of my exhibit at Paris, and if, after investigating the matter, he deems it desirable to grant your request, he will do so and arrange all the details as to space &c.

Yours very truly,

Thos A Edison

March 5/89

Col: Geo: E. Gouraud
Little Heath
Upper Norwood
Surrey, England

My dear Sir:

This will introduce to you Mr W. J. Hammer who is to have charge of my exhibit at the Coming Paris Exposition

I have instructed Mr Hammer to consult you in regard to the details of the exhibition of the Phonograph

Yours very truly

Thos A Edison

March 3/89

To the Directors
Of the South Kensington Museum,

Dear Sirs:

At the coming Paris Exposition I am going to make an exhibit of all my inventions and desire to include the original Phonograph, which I had the honor some years ago to place in the South Kensington Museum.

This letter will be handed to you by Mr W. J. Hammer, who has charge of my Paris exhibit, and I would be pleased

pleased
if you would kindly permit
Mr. Hammer to take the Monograph
mentioned to Paris to remain
there during the Exposition, after
which it will be restored to
its present surroundings.
Appreciating any courtesies which
you may extend
I beg to remain,
Yours very truly,

Calvin

March 3/89

Col. Gen. E. Stewart
Little Chenils
Upper Norwood
Surrey, England

My dear Sir:

Mr. O. J. Hammer is to have charge of my full exhibit at the coming Paris Exposition and I have tonight given him a letter of instruction to yourself and requested him to consult you in regard to the exhibition of the Phonograph.

As I have previously written you, the Phonograph is to be exhibited in the American section of the Exposition, a very large portion of which has been set apart for the display of my inventions, and while I have perfected arrangements to make the Phonograph a very prominent feature of my

Exhibit, bearing in mind the important part which it will play with respect of your relations to the same, I have considered it desirable that Mr Hammer should meet you and receive your views concerning the details of its exhibit, and had instructed him to respect your wishes to the fullest possible extent consistent with the general instructions he has already received from me.

This without doubt will be the best opportunity, which can or will be had to introduce the Phonograph to the peoples of Europe, in fact the whole world, and as

as my desire to take every advantage of it is I know heartily seconded by yourself I feel sure that I can count upon your cordial cooperation and valuable suggestions to make it a pronounced success, and it seems unnecessary to ask you to assist Mr Hammer in carrying out my wishes with which he is already familiar.

I have considered your recent correspondence in regard to the expense connected with the exhibit, and shall think that the whole of the expense attendant upon the exhibition of the phonograph should be borne by yourself

yourself
but as you appear disinclined to
concur in this view of the case
I am willing to bear an equal share
of the cost of exhibiting this instrument
in so far as it is displayed within
the limits of the space devoted to
my other inventions and to the
extent of co-equality with these.
Of course if you arrange for any
extraordinary exhibitions of the
phonograph, by which I mean any
display apart from the exhibit I
have already provided for through
Mr Hammer, the expense of the
former must be wholly borne
by you. The financial obligations
which I have been obliged to assume

assume
in connection with this whole exhibit,
and from which you will derive a not
inconsiderable benefit have been so
enormous that I do not feel able to
incur or share in any additional expenditure.

Mr. Hammer will draw upon you
at the end of each month for that
portion of the expense which is
chargeable against yourself and I
wish you to finally arrange to meet
his drafts in this manner.
At times as they may be needed or called
for I will forward Phonographs and
supplies of various kinds and assist
in every possible way to ensure the
success of my exhibits.

Yours very truly

Thos A Edison

March 4, 89.

Mr. Fred T. Hoyt,
Stevens Institute,
Hoboken, N. J.

Dear Sir:-

In reference to your letter of 4th instant to our Mr. Hammer, I beg to inform you that the latter sailed this morning on the steamer "Germanic" for London. Your letter did not reach him until yesterday afternoon, and he had not time to communicate with you personally. The writer is under the impression that Mr. Hammer understood from Col. Gourand that you desired to get him relative to securing a position in connection with Mr. Edison's exhibit at the Paris Exposition, of which Mr. Hammer has charge. If this impression is correct, I would state that Mr. Edison's arrangements for representation at Paris were completed some time ago, and had you succeeded in seeing Mr. Hammer I do not think you would have attained your object, as he is only taking over two men with him, the intention being that if additional help is required to secure it in Paris.

Yours very truly,

EDISON LABORATORY OF THOMAS A. EDISON

JMK

March 8, 88.

Prof. Wm. A. Marks,
Delaware Breakwater Light Company,
308 Dawson St., Philadelphia Pa.

My Dear Sir:-

I beg to confirm the following telegram sent you to-day:-

"Have been up all night, and balance of week with us in Baltimore stand; as to my coming."

Yours truly,

Orange Lodge

J. L. McAlpine Esq
City Department
N.Y. Herald
Newspaper

Dear Sir:

At Mr. Edison's request I called yesterday at No 76 Delancey St. to examine the Edison-Radcliffe Automatic Telegraph System but, though I called twice I failed to find Mr. Radcliffe or anyone, in the office. Will you kindly send word to your friend Mr. Radcliffe that I will visit his place again tomorrow afternoon (Thursday) about two o'clock when I hope to have the pleasure of meeting him.

Yours Truly,

Private Secy

March 6, 1889.

S. S. Wheeler, Esq.,

332 Seventh Avenue,

New York City.

My Dear Sir:-

On 29th January last I wrote you, asking a question in regard to Mr. Edison's proposed Columbia College Scholarship, since which time I have not heard from you concerning the matter. Will you kindly refer to my letter, and send me an answer to the question contained therein as soon as possible.

Yours truly,

Private Secretary.

March 7, 1889.

Mr. William Allen,

O r a n g e, N. J.

Dear Sir:-

I do not understand the bills for cab hire which you render against the Laboratory. All the cabs which I use myself are charged to my account, and there is certainly no one in the Laboratory, who has occasion to use cabs more than myself. Notwithstanding the fact that the accounts chargeable against me do not enter into Mr. Edison's account, his bill is larger than my own. I presume you have no record of the names of the persons who ordered these cabs, referring particularly to the month of February; but, I beg to advise you now that in the future any person using a cab on account of this Laboratory will be supplied with a ticket, bearing my signature, and showing the points between which you have rendered service, and I will not accept any bills on account of the Laboratory unless they are accompanied by tickets such as I have referred to, covering each item charged against me by you.

Yours truly,

Private Secretary.

March 7, 1889.

Francis R. Upton, Esq.,

The Edison Lamp Company,

Harrison, N. J.

My Dear Sir:-

I enclose herewith copy of a communication which we have just received from the Allgemeine Elektricitats-Gesellschaft, in regard to the sale of electric lighting material in China and Japan. I forward this to you for your information. Kindly do not take any action, in any direction whatsoever, in connection with this matter without first consulting me, as I have a plan laid for bringing a certain influence to bear upon the German Company which cannot be carried out at the moment, but which I hope will prove effective when the time comes. Meanwhile, matters must remain exactly as they are at the present moment.

Yours very truly,

Private Secretary.

March 7, 1889.

My Dear Mr. Connery,-

Mr. Edison asks me to thank you for your kind inquiry of 3d instant regarding his recent accident, which was painful but not serious. He has fully recovered from the effects of it. He asks me to say further that the delay in connection with supplying you with instruments for Mexico has been absolutely unavoidable. We have a great many phonographs completed, excepting the spectacle part, for which we have only just received from the manufacturers our special tools. In a week or two we will have plenty of phonographs complete, and will be able to fit you out. Mr. Edison realizes that you have not been responsible for this delay.

Yours very truly,

Private Secretary.

Thos. B. Connery, Esq.,
Richmond Hill, L. I.

March 7, 1889.

Mr. Batchelor,-

I think in the course of a month we will be called upon to furnish a Phonograph Expert for Mexico. Have you any young man at the Phonograph Works, one of whom you could select for this mission?

Yours truly,

March 7, 1888.

Mr. Batchelor,-

In reference to the attached, the lease of the Bloomfield factory runs until the first of May next. Mr. Edison does not wish to use the building after that date, but in the meantime we are, I presume, responsible for its care. The lease was turned over to the Phonograph Works at the time Mr. Edison transferred the manufacturing business to them. Would it not be well for you to send a man over to Bloomfield to take such steps as are necessary to prevent the destruction of the property while it remains in our hands?

Yours truly,

March 7, 1889.

George F. Kunz, Esq.,

401 Garden Street,

Hoboken, N. J.

Dear Sir:-

In reference to your letter of 28th ultimo, in regard to fluorite cleavages, I have no use for such a large quantity as you name. I would like to have about 100 lbs. of the material, if you can furnish me with that quantity.

What would Ceylon price

Yours very truly,

T. A. Edison

March 7, 1889.

My Dear Seibel,-

I return herewith the paper enclosed with your letter of 5th instant, Mr. Edison having signed the same as you requested. I presume you will advise me further regarding his subscription to the Ohm Monument fund.

Yours very truly,

Private Secretary.

P. H. Seibel, Esq.,
c/o Edison Electric Ill. Co.,
432 Fifth Ave., N. Y. City.

March 7, 1889.

The Edison United M'f'g. Co.,

66 Fifth Ave., New York City.

Dear Sirs:-

Replying to your letter of 5th instant, received from your Mr. W. H. Meadowcroft, in regard to a plan for transmitting 500 horse power twenty miles to be delivered in the Comstock mines, Mr. Edison says that the data which you gave is insufficient to enable him to answer your question intelligently. He suggests that Mr. Meadowcroft, or some one else, be sent over here with full information on this subject, when he will give you his views orally.

Yours very truly,

Private Secretary.

March 7, 1882.

Personal.

My Dear Upton,-

I received yesterday, under cover from the Lamp Company, plans and specifications for two gas furnaces. Mr. Edison does not know why these were sent here, and I write you for an explanation. The specification is signed by Bradley. The envelope was addressed to myself.

Yours very truly,

Private Secretary.

March 7, 1888.

Dear Mr. Willard,-

Replying to your letter of 6th instant, in which you ask the name of my Agent in Germany who is authorized to sell phonographs, I beg to say that Col. George E. Gouraud, Little Menlo, Upper Norwood, Surrey, England, is my General Agent for all countries outside the United States and Canada. I am not aware that Col. Gouraud has a representative in Germany as yet, but I know that at the present time he is engaged in covering all the territory under his direction.

Yours very truly,

T. A. Edison

Jere. Willard, Esq.,
Hall, Bdg., New York City.

March 7, 1889.

Mr. A. S. Lawrence,

225 Pearl Street,

New York City.

D e a r S i r :-

In reference to your letter of 6th instant, I beg to inform you that our Mr. Hammer, who has charge of Mr. Edison's exhibit at the Paris Exposition, sailed yesterday on the steamer "Germanic" for London, and we have no data here from which we could ascertain the length of the belt that you refer to. After Mr. Hammer's arrival at the other side, he intends to remain in London a few days before proceeding to Paris, and a cable addressed to him, c/o "Gouraud Norwood," would reach him. After that his address will be "Edison Exhibit, Machinery Palace, Paris Exposition."

Yours very truly,

Edison Laboratory

March 7, 1880.

S. W. Sears, Esq.,
c/o Mr. A. Cheney, Supt. U. S. Ex. Co.,
42 Franklin St., Boston, Mass.

Dear Sir:-

Mr. Edison has received your letter of 6th instant, and he has asked me to express his regret at his inability to comply with your request, as to making appointment &c. At present he is working night and day, and some of his experiments are in such a condition that it is impracticable for him to leave them even for a short time.

Yours truly,

Private Secretary.

March 7, 89.

My Dear Professor Marks,-

I beg to acknowledge receipt of yours of 6th inst., enclosing bill of Smith & Armstrong for 20 blue prints, which you are kindly sending me. Please accept my thanks for the promptness with which you have responded to my request in this connection.

Yours truly,

Prof. W. D. Marks.
Philadelphia, Pa.

March 7, 89.

Mr. Clarence Selleck,
344 Fulton St., Brooklyn, N. Y.

Dear Sir:-

In reply to your letter of 5th instant, I beg to inform you that Mr. Edison's arrangements for representation at the Paris Exposition are already completed.

Yours truly,

Private Secretary.

March 7, 1889.

Prof. E. H. Thurston,

Cornell University,

Ithaca, N. Y.

My Dear Sir:-

Mr. Edison asks me to thank you for your kind inquiry of 3rd. instant.

The accident which you refer to caused Mr. Edison some temporary distress; it was painful but not serious, and I am glad to say that he has fully recovered from the effects of it.

Yours very truly,

Private Secretary.

March 7, 1889.

Colt's Express,

Orange, N. J.

Dear Sirs:-

Under date March 1st you have rendered a bill against this Laboratory of $9.25, for the use of horses and carriages on dates named on the same. If you have any record of the names of the persons who used your carriages at these different times, I wish you would submit the same to me.

I beg to advise you that hereafter any person using cabs on account of this Laboratory will be supplied with a ticket bearing my signature, and we will not accept bills for cab hire unless you can produce one of these tickets for each item claimed in your account.

Yours truly,

Private Secretary.

March 7, 1889.

Col. George P. Sharretts,
Little Falls, Upper Montreal,
Cumberland, Maryland.

Dear Sir:-

I have received your letter of the 16th instant, in regard to the working of foreign patents.

I am not in possession of any information with respect of the requirements of the different foreign countries in this connection, and, therefore, do not wish you to rely upon me for the same. You should obtain definite information from your agent in each country of what is required there, and then I can render you any assistance that is necessary.

I observe that you have received notice from Austria that manufacture must commence on Case 84 in April next, but you fail to state to what extent it will be necessary for us to carry on manufacture in that country. I am informed that the working usually required for patents in European countries is almost nominal, and usually consists in having perhaps one of the patented machines made and operated, and procuring a certificate to that effect, but I am not aware whether or not this is the case

Yours truly,

Thos A Edison

March 8/79

Dear Miss Stilwell:

Mr Edison has received your letter of the 2nd inst. also the communication from the Piano Co. in reference to the piano, and asks me to say to you that his understanding of the arrangement was that the payments for the piano were to have been extended over a period of three years in which case he agrees to purchase it for you.

Mr Edison says that he cannot pay immediate cash for the instrument.

Yours truly,

Miss K. Stilwell
#14 Delaware Ave
Newark N. J.

Private

March 1869

E. D. Lawton Company
657 & 659 Broad St
Newark NJ

Gentlemen:

In the matter and in reply to your letter of the 3rd inst I beg to say that there has been a misunderstanding in regard to the piano, which the advice has written to Miss Leland to return

Yours Truly

Addison

Private Secy

March 8, 89.

Somerville P. Tuck, Esq.,

Assistant Commissioner-General,

Washington Building, No. 1 B'way., New York.

Dear Sir:-

I have received this morning from you five receipts for cases shipped by me to the Paris Universal Exposition, to which are attached bills of C. J. Challar & Co., transfer Agents, amounting in all to $10.80. Will you kindly let me know if I should send a check for this amount to Challar & Co. or if I should remit same to yourself, obliging

Yours very truly,

Peter A. Gilbert

March 8, 1889.

Somerville P. Tuck, Esq.,

Assistant Commissioner-General,

Washington Bdg., 1 B'way., New York.

Dear Sir:-

I am in receipt of your letter of the 6th instant, enclosing invoices in triplicate, for case 270, and in which you state that the same was forwarded by the S. S. GERMANIA. I presume you intended to say "S. S. GERMANIC." As these matters of shipment have all received the attention of my agent, Mr. W. J. Hammer, who himself sailed on the steamer "Germanic" the day before yesterday, and as I am unfamiliar with the details of your arrangements for shipments of material to the Paris Exposition, might I ask you to kindly explain to me what constituted the error in connection with the shipment of case 270. This will enable me to communicate intelligently with Mr. Hammer upon his arrival on the other side, and to take such steps as are necessary to have the mistake remedied.

Yours truly,

March 8, 89.

Everett Frazar, Esq.,

124 Water Street,

New York City.

My Dear Sir:-

I beg to acknowledge receipt of your letter of the 7th instant, enclosing three copies of the agreement with Mr. Churchill, all of which I had Mr. Churchill execute, and two copies of the same I enclose herewith.

Mr. Edison is satisfied with Mr. Churchill's qualifications, and we believe that you have secured the services of a first class all-round man for your electrical business in China, Japan and Corea. I gave Mr. Churchill one copy of the agreement above mentioned.

Yours truly,

A. Tate

Private Secretary.

March 8, 89.

Messrs. Dyer & Seely,

New York City.

Dear Sirs:-

Mr. Edison desires you to obtain for him a copy of the U.S. patent covering the Lalande form of battery.

Yours truly,

A. O. Tate

Private Secretary.

March 8, 89.

Messrs. Dyer & Seely,

New York City.

Dear Sirs:-

I learn this morning that Mr. Edison has lost his case in Canada, with respect of his lamp patents. Is there any appeal from the decision of the Commissioner who gave judgment in this instance? Or is there any possible way under Canadian law of reopening the case?

Yours truly,

Private Secretary.

March 8, 1889.

The Edison Machine Works,

Schenectady, N. Y.

Dear Sirs:-

We are sending you by this mail blue prints of the Ore Milling machine as it is to be made in future. The frame as you know, will be made to suit the particular plant or location for which it is intended. Please bear in mind that the magnet is to have no sharp edges. The edges are to be rounded off thus:

Yours truly,

Laboratory of Thos. A. Edison
By John F. Ott
M.

March 8, 80.

My Dear Professor Marks,-

I beg to confirm the receipt of your telegram of yesterday as follows:-

"Run of last night eight hours was without a single accident or trouble of any sort or kind. Wm. D. Marks."

Yours truly,

Thos. A. Edison.
M.

Prof. Wm. D. Marks,
Edison Electric Light Co.,
Philadelphia, Pa.

March 8, 89.

My Dear Professor Marks,-

I beg to confirm the following telegram sent you to-day:-

"I congratulate you. EDISON."

Yours truly,

Thomas A. Edison
M.

March 9/89

My dear Mr. Barn, I wish to introduce to you the bearer of this note, Mr. Arthur Churchill, who is en route for China and Japan, for the purpose of introducing the Phonograph into those Countries.

I will appreciate very highly any courtesies you may extend to Mr. Churchill. He is a stranger in Montreal and will be there but a short while.

Yours truly,

Alexander Graham Bell

M. H. Barn Esq
726 Craig St
Montreal P.Q.

Courtesy

March 9th/79

Friend O'Neill: This will be handed you by Mr Arthur Churchill who is on his way to China and Japan with the Phonograph. I wish to bespeak for him your kind attention during the short time he will be in your city, where he is a Stranger.

Yours faithfully

Wm O'Neill Esq
Chief Clerk
St Lawrence Hall
Montreal
Canada

Private

March 9, 89.

Major S. B. Eaton,

180 Broadway,

New York City.

My Dear Sir:-

I want to have a contract drawn, on Mr. Edison's behalf, covering his arrangement with Messrs. Frazar & Co., No. 124 Water Street, New York City, in regard to the sale of phonographs in China and Japan. The principal points are, (1) That Mr. Edison agrees to supply Frazar & Co. with phonographs at factory price - that is, the same price at which they are delivered to the North Am. Phono. Co., plus $10, which latter amount is a fixed profit to Mr. Edison. (2) Terms of payment. (3) extent of sales. I will call and see you some time next week and explain fully to you what is required.

Yours truly,

Private Secretary.

March 9, 1889.

American Watch Tool Company,

W a l t h a m, Mass.

Dear Sirs:-

When may we expect to receive the lathe head which we sent you some time ago to be repaired? Please hurry this forward, as we need it very much.

Yours truly,

T. A. Edison

601

March 8, 89.

Samuel Insull, Esq.,
Gen'l. Manager, The Edison Machine Works,
Schenectady, N. Y.

Dear Sir:-

In reference to the attached letter from the Chicago Edison Company, in regard to explosions of junction boxes in the underground system in Chicago, and in reply to your letter of the 7th instant, the only thing I know of which will effectually overcome these difficulties, is chloroform. I am quite sure that if chloroform is used in the junction boxes of the Chicago system, the same as it has been in the New York uptown district, there will be no more trouble with explosions.

Yours very truly,

Thos. A. Edison

March 9, 1889.

Col. George E. Gouraud,

Little Menlo, Upper Norwood,

Surrey, England.

My Dear Sir:-

Mr. Franck Z. Maguire informs me that he wishes to negotiate with you in connection with the phonograph in South America, and I write you this letter for the purpose of informing you that I have no objection to your negotiating with Mr. Maguire.

Yours very truly,

Thos. A. Edison

March 9, 89.

Major S. B. Eaton,

120 B'way., New York City.

Dear Sir:-

I believe that you have in your possession the contracts between Col. Geo. E. Gourand and Mr. Edison. I enclose herewith copy of a letter to Col. Gourand from Mr. Edison which should be attached to these contracts, as it is really an interpretation of that portion of the contracts referred to which provides that Col. Gourand shall do nothing to imperil or shorten the lives of Mr. Edison's U. S. patents on the phonograph. It became necessary for us to instruct Col. Gourand in this manner, for the reason that he either could not or would not comprehend the way in which the law of this country with respect of patents is interpreted by the Courts of the United States. The correspondence leading up to the letters attached is all on file in this office. I do not think it necessary to place any of it, excepting the annexed letters, with the contracts.

Yours truly,

Private Sec'y.

March 9, 1889.

M a n a g e r,

New York & New Jersey Telephone Co.,

O r a n g e, N. J.

Dear Sir:-

I desire to have a long distance telephone put in my office at this Laboratory, and a loop run from the Laboratory to your Exchange in Orange, so that I can get metallic communication to New York. Will you please advise me what it will cost to have this done. I also desire to have a telephone put in my house in Llewellyn Park. It might be well for you to send a representative up here to see me.

Yours truly,

Private Secretary.

March 11, 98.

Mr. W. H. Forster,

Grand Union Hotel,

New York City.

Dear Sir:-

Your letter of 11th instant to Mr. Edison has been received. The latter for the past few weeks has been working night and day in connection with some very important experiments which he says it is quite impossible for him to leave even for so short a time as it would take to grant you an interview. Mr. Edison regrets that he cannot comply with your request, but if there is anything I can do for you, kindly advise me.

Yours very truly,

Private Secretary.

March 11, 89.

Messrs. Dyer & Seely,

New York City.

Dear Sirs:-

I wrote you some few days ago, asking for a copy of the U. S. Patent covering the Lalande form of battery. We have received a communication which mentions a U. S. Patent on this battery, under date March 20th, 1888, and numbered 274110. Mr. Edison is of the opinion that there is a later patent than the latter, and desires you to look into the matter and send him copies of all patents which have been granted by our Government in the above connection.

Yours truly,

Private Secretary.

March 11, 89.

Mr. Osgood S. Wiley,

Orange, N. J.

Dear Sir:-

I have received your letter of 9th instant,.

The first thing that you should do, is to come to the Laboratory and balance your account. There are certain expenses which you have incurred of which we have no memorandum, and this, of course, increases the amount of your overdraft as it stands on our books. I shall look for you some time to-morrow (Tuesday), and when you come I wish you would ask for Mr. Randolph, who has the details of this matter in hand, and who will go through the account with you, for the purpose of ascertaining exactly how it stands at present.

Yours very truly,

A. D. Taft

Private Secretary.

March 11, 89.

Somerville P. Tuck, Esq.,

Assistant-Commissioner General,

1 Broadway, New York City.

Dear Sir:-

I am very much obliged for your kind letters of the 9th instant. I have communicated with my Agent, Mr. Harrer, regarding shipment per S. S. "Germania," and have forwarded to C. J. Challar & Co., No. 160 Fulton St., New York, check to cover their bills for cartage. The bills for trucking for previous Exposition goods sent to Bergmann & Co., The Edison Lamp Co., and The Edison Machine Works, were correctly disposed of.

Yours very truly,

Thos. A. Edison.
M.

March 12, 89.

J. Burke, Esq.,

Llewellyn Park, New Jersey.

D e a r S i r :-

I enclose herewith a bill covering your share of expenses in connection with light supplied to your house in Llewellyn Park from March 1888 to February 1889, both inclusive, amounting to $623.70. The rate, 1 1/2 cents per ampere hour, is equal to gas at about $1.50 per thousand cubic feet, and is calculated to cover just the actual expense of running our engines and dynamos for the accommodation of those who take light from the Laboratory.

Yours very truly,

Private Secretary.

March 12, 1889

H. B. Auchincloss, Esq.,

Llewellyn Park, New Jersey.

D e a r S i r :-

I enclose herewith a bill covering your share of expenses in connection with light supplied to your house in Llewellyn Park from March 1888 to February 1889, both inclusive, amounting to $314.85. The rate, 1 1/2 cents per ampere hour, is equal to gas at about $1.50 per thousand cubic feet, and is calculated to cover just the actual expense of running our engines and dynamos for the accommodation of those who take light from the Laboratory.

Yours very truly,

Private Secretary.

March 12, 89.

My Dear Sims,-

I have your letter of 8th instant, and am glad to hear of the great success which has attended the opening of the Philadelphia station. I should like very much to run over, but am so busy with my experimental work it is impossible for me to get away. Batchelor, too, has his hands full with the phonograph.

Yours very truly,

Gardiner C. Sims, Esq.,
c/o Edison Electric Light Co.,
Philadelphia, Pa.

March 12, 1880.

James Bredge, Esq.,

L o n d o n, England.

Dear Sir:-

In reference to the attached letter from the London Parcels Delivery Co., in regard to an amount of £2-5-0, due them for conveying 10 packages from Crystal Palace to Messrs. Vantin and Newmary's, as per order of O. S. Wiley, if the amount is correct, will you kindly pay the bill and include same in your next draft on Mr. Edison. I would send remittance direct, but have thought that in the meantime you might discharge the debt, not knowing that the same had been referred [redacted] to us.

Yours very truly,

[redacted]

Private Secretary.

March 13, 1889.

T. E. McAlpine, Esq.,
City Dep't., New York Herald,
New York City.

Dear Sir:-

In accordance with my letter to you under date 6th instant, I called again at Mr. Radcliffe's Laboratory, at the hour named in my letter, but there was no one in. If you can make an appointment for me, I will go in again one day this week. Awaiting your reply,

I am, yours very truly,

Private Secretary.

620

March 12, 89.

Mr. W. J. Hammer,

Edison Exhibit, Machinery Palace, Paris Exposition,

P a r i s, France.

My Dear Sir:-

I enclose herewith a letter which we have rec'd. from Somerville P. Tuck, Assistant Commissioner General, attached to which are invoices in triplicate for Case 270. We have also received from Commissioner Tuck a communication, in reply to one of ours asking what constituted the error in connection with the shipment of case 270, in which he states that, inasmuch as the case in question went forward by S. S. "Germanic" and has gone to Liverpool instead of Havre that it will be necessary for you to look it up and not expect to find it with other consignments of our goods through the Commission. I presume that this case was shipped per S. S. "Germanic" instead of "Germania" intentionally, and that you are aware you will have to see to its being forwarded to Paris yourself. I also enclose invoice for case 280.

Yours very truly,

Private Secretary.

March 13, 1879

Compagnie Continentale Edison.

5 Rue Drouot, P a r i s, France.

D e a r S i r s:-

I am very much obliged for your letter of [illegible] inst., in reply to my cable-gram, notifying me that you will pay the above annuities still due on Belgian Patent, No. [illegible], dated November, 1879. Please accept my thanks for your prompt attention to this matter.

Yours very truly,

Thos. A. Edison

By

March 12, 80.

Messrs. Drexel, Morgan & Co.,

New York City.

Dear Sirs:-

I beg to acknowledge receipt of yours of 11th inst., enclosing my check for $22,-2-6, paid by Messrs. J. S. Morgan & Co., London.

Yours truly,

Thos. A. Edison

March 12,80.

The Edison Lamp Co.,

Harrison, New Jersey.

Dear Sirs:-

I return herewith note of the Edison Lamp Co. No. 286, at five months, for $1,838.76, enclosed with yours of 11th inst., which has been signed by Mr. Edison, as President.

Yours truly,

A. O. Tate

Private Secretary.

March 12, 80.

My Dear Hamilton,-

I am very much obliged for your letter of 23d ultimo, enclosing statement of phonographs, materials &c. rec'd. by Col. Gourand from the Laboratory, and you will please accept my thanks for same.

Yours very truly,

A. D. Tass

Private Secretary.

M.

Mr. H. de C. Hamilton,

L o n d o n, England.

March 12, 80.

My Dear Divor,-

With reference to your letter of 8th instant, I beg to inform you that the Ore Milling blue prints were forwarded to the Machine Works, Schenectady, on Friday last.

Yours very truly,

A. D. Foote,

Private Secretary.

M.

H. M. Divor, Esq.,

19 Dey Street, New York City.

March 13th 1889

John Kruesi Esq
Asst General Manager
The Edison Machine Works
Schenectady. N. Y.

Dear Sir

Will you please try this experiment;
Take one of the samples of insulating compounds, and you have three wires. One that does not become sufficiently fluid to soak into the cotton and squirt it into a cotton covered wire; then braid the sample over and soak it in the compound in a melted state.

We have tried this method here and it gives very good results, enabling us to push on a very thick, and fireproof material without the use of a solvent.

Also let me know if you consider this process a feasible one with respect of cost

Yours truly
Thomas A. Edison
R.

W. L. Mallory Esq
22 St [illegible] Street
Chicago Ills.

March 13th 9

Dear Sir

Referring to your favor of the 9th inst. I beg to inclose herewith, check for $ 200.00 being one percent on my subscription.

Please acknowledge receipt and oblige

Yours Truly
Thomas A. Edison
A.

March 13th 9

Merchants National Bank
Newark N. J.

Dear Sirs

I beg to inclose you herewith check for $ 100.00 which please place to my credit and oblige

Yours Truly
A. O. Tate
A.

March 25th 1879

Major J. W. Eaton
No: 120 Broadway
New York

Dear Sir, Will you kindly let me know if the Canada Canadian Gold & Silver Mining Company, organized under the laws of New York State, files its annual reports for 1878 and 1879—

Yours Truly

Chas. Tracy

March 1889

The Edison Machine Works.
Schenectady N.Y.

Dear Sirs: Replying to your letter
1st inst. we enclose herewith a
drawing such as you ask for
for the reason that the frame
work of the Dr. Shilling Machine
is always erected to suit local
conditions. In the old plans the
magnet is shewn as suspended
on iron straps, which, besides
embodying a needless expense,
were in error arranged so as
to short circuit the magnet.
This we have changed, providing
for the magnet I suppose from

Ed. Mills
from
beneath. The magnet can be
raised by means of blocks
whenever the same be necessary.
Once it is set for a certain grade
of ore it need not be disturbed.
Very truly
T. A. Edison

Mar 14th 9

German National Bank
Newark N. J.

Dear Sirs

I beg to endorse you herewith check No 2683
from J. H. Hoffman for $1000.00/100

Please place same to my credit and oblige

Yours truly
Thomas A. Edison
A.

March 14, 89.

Major E. B. Watson,

[illegible] Broadway, New York.

My Dear Sir:-

I enclose herewith another letter which we have received from Mr. Sweed, relative to electric belt. I am inclined to think that this man has been deceived by the agent who sold him the belt. I do not believe that there is such a person as "Theodore Edison," and in all probability the name is simply a subterfuge. We had some trouble of this kind before which Mr. Tomlinson succeeded in running down.

Yours truly,

Private Sec'y.

March 14, 89.

My Dear Brewster,-

I have your letter of 11th instant.

Mr. Edison, as I told you before, is working night and day and has had his clothes off only once during the last two weeks. I doubt very much if he will be able to see you this week, as he has refused numerous requests of a like nature from a number of our friends.

Will you kindly sign and return the note which I forwarded a few days previous to you and I will send you the old note, unless you intend making some other disposition of the amount.

Yours truly,

Private Secretary.

Mr. W. D. Brewster,
c/o Seth Thomas Clock Co.,
20 Murray St., New York.

March 14, 89.

My Dear Mix,-

I return herewith letter to yourself from General Beauregard. For the past fortnight Mr. Edison has been working night and day. When your message came over, in regard to Colonel Andrews, Mr. Edison had not his clothes off for nearly a week and was so thoroughly exhausted that he did not feel capable of entertaining a visitor. I write you this explanation in case you may not have understood the matter thoroughly over the telephone.

Yours very truly,

Private Secretary.

W. Preston Mix, Esq.,
Edison Electric Light Co.,
26 Broad St., New York.

March 14, 89.

Mr. R. W. Vincent,

Atchison, Topeka & Santa Fe R. R.,

T o p e k a, Kansas.

Private Secretary.

Dear Sir:-

In reply to your letter of 8th instant, I beg to say that Mr. Edison is so fully occupied with his experiments he cannot give personal attention to the subject of your communication. I think, however, that I can give you the information you ask for. About two years ago, in New York City, I saw and heard an electrical piano such as you describe. Vibratory hammers were arranged either above or below the strings of the instrument and connected so as to vibrate against the strings when the keys of the piano were depressed, the result being a tone very much like that of an organ. By moving a switch the battery connection of these arms and their magnets was broken, and the piano could then be used in the ordinary manner. I believe since that time further experiments have been carried on and more perfect results obtained. I am unable to give you the names of the people interested in these experiments, but you would doubtless find out all about it by addressing one of the New York electrical journals.

Yours very truly,

March 14,92.

C. E. Chiprock, Esq., Vice-President,

The Falcon United Manufacturing Co.,

65 Fifth Avenue, New York City.

Dear Sir:-

I beg to acknowledge receipt of your letter of 9th instant, in regard to Mr. Clarke's underground installation. In my letter to you under date Feb. 14th, I stated that we believed that the work could be done at a cost not exceeding $1,000, which was Mr. Kennelly's estimate, and I stated that we would undertake the work in your behalf and render bills for the exact expenditure. I did not say, and did not intend to imply, that we would assume any responsibility whatever in the matter, nor do we desire to enter into any guarantees with respect of cost. The matter is simply one of indirect interest to us, and I went into it thoroughly and tried to place it before you in a proper light, because I knew you would not allow an injustice to be done any of your customers. Upon further consideration, I think it would be very much more satisfactory if you would have your own men do the work. We will be very glad to render you all assistance in our power, and

Mr. Kennelly has in his possession data that will be very useful to your engineers. It ought not to take long to make the proposed change, and if you will send one of your engineers up here immediately he can see Mr. Kennelly and prepare from plans which the latter has a list of material that is required. It would be well for you to take advantage of this favorable weather and get the work done before Mr. Burke commences the usual spring improvements on his property.

Yours very truly,

Private Secretary.

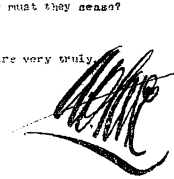
March 14, 1880.

My Dear Will,-

I have your letter of the 8th instant.

Before outlining a proposition for you to make to Barr, I would like to know what effect the recent decision of the Deputy Commissioner of Patents, in connection with Edison lamp patents, is going to have on your business. Are you going to continue your present relations with Barr or must they cease?

Yours very truly,



W. H. Bean, Esq.,
82 Wellington St. East,
Toronto, Canada.

March 14, 89.

Mr. T. L. McAlpine,

New York Herald, New York City.

Dear Sir:- I have your note of 12th instant, and shall be pleased to call at Mr. Radcliffe's Laboratory any day you designate. I return herewith Mr. Radcliffe's letter enclosed with yours under reply.

Yours truly,

[illegible] Secretary.

March 14, 89.

Mr. H. Bergman,

215 West Pratt St.,

Baltimore, Md.

Dear Sir:-

I beg to advise you that the box of ore referred to in your letter of 14th ultimo was received at the Laboratory yesterday.

Yours truly,

Thos. A. Edison

March 15

Col. George E. Gouraud,

Little Menlo, Upper Norwood,

Surrey, England.

D e a r S i r :-

The following is an extract from a letter under date Feb. 6th, 80, which I have received from Mr. W. N. Stewart, of Concepcion, Chile:-

" . . . . I have arranged with the house of Matthews, Richards & Co., of Birmingham, Valparaiso and Concepcion to arrange the whole matter with Col. Gouraud, and have already forwarded full instructions and powers. Some articles in the English Engineer have somewhat frightened our people here, but the agreed price will be paid when we see the instrument; or a sufficient guarantee in cash will be made in London if so required, although we trust that Col. Gouraud will not be so exacting, having confidence in the business. The gentlemen here interested are the "solid men" of Chile, and it has cost me no small amount of labor to get them interested, having to translate all of the very meagre data in my possession into Spanish. One was recently Secretary of the Treasury, and another is a son of an ex-President. If the instrument is now relatively perfect I can command any amount of capital, but I think it advisable to send me by return mail all new data and printed matter, so that I can clearly present the question. Also a phonogram from yourself and others when instrument is shipped and clear instructions for management. . . . If you ship phonograph, see that it is in a lined box and that the cylinders are made to stand equatorial weather and packed accordingly."

Yours truly,

Thos. A. Edison

March 15, 1883.

Miss Hettie Clapper,

130 East 18th St., New York City.

Dear Miss Clapper,

Mr. Edison would be very much pleased to see yourself and the Bartholomew Quartet to-morrow (Saturday) afternoon, and the Country Quartet on Wednesday, 20th instant. We will endeavor to make your visit as pleasant as possible, and hope you will spend as much time as you conveniently can at the Laboratory on each occasions.

Yours very truly,

Athos D. Kruger

March 15, 89.

The Society of Telegraph-Engineers & Electricians,

#4 The Sanctuary, Westminster, London, England.

Dear Sirs:-

Please note that Mr. Edison's address is "Orange, N. J.," as above, and not MENLO PARK, where your reports &c. are generally addressed to.

Yours truly,

A. D. Tate,

Private Secretary.

March 15, 89.

The Edison Lamp Co.,

Harrison, N. J.

Dear Sirs:-

In reply to yours of 13th instant, Mr. Richardson's engagement has expired, and his salary should cease.

Yours truly,

Thos A. Edison

Samuel Sewell
The Osborne Flat
New York

Mr Edison will meet
You Dey Street Eleven
tomorrow Morning
A. O. Tate

Sup'ts Typograph.

Geo. A. Smith
Will meet you nineteen
Dey Street New York at
twelve o'clock tomorrow
A. O. Tate

March 26th 1889

German National Bank
Newark N. J.

Dear Sirs

I beg to enclose you herewith check for $ 8055.00/100
Please place same to my credit and oblige

Yours Truly
Thos. A. Edison
a.

March 15, 89.

Mr. J. H. Vail, Gen'l. Sup't.,
Edison Electric Light Company,
New York City.

Dear Sir:-

Please accept my thanks for the copy of your new instruction book on operating dynamos in Edison central stations which you kindly sent me. I will take much pleasure in perusing it.

Yours truly,

Thos. A. Edison

March 16, 89.

The Edison Lamp Co.,

Harrison, N. J.

Dear Sirs:-

I return herewith note No. 287 of the Edison Lamp Co., at four months, dated March 15, 1889, for the sum of $341.91, in favor of the Consolidated Fruit Jar Co., enclosed with yours of 15th instant, duly signed by Mr. Edison, as President.

Yours truly,

Private Sec'y.

March 18, 89.

Messrs. Dyer & Seely,

New York City.

Dear Sirs:-

I enclose herewith a letter addressed to myself by Col. Gourand under date 14th inst., also a letter from Col. Gourand addressed to yourselves, which was forwarded to me with the former. Col. Gourand states that a simple copy of the American specification and the accompanying drawings are all that is necessary to enable him to get out his foreign patents. Will you kindly let me know what, in Mr. Edison's interests, is best to be done in this matter.

Yours very truly,

Chas. Clarke

Private Secretary.

M.

March 18, 89.

H. M. Liwor, Esq.,
19 Doy Street,
New York City.

My Dear Sir:-

I am sending you by this mail under another cover blue prints of the Ore Milling machine. I may say that it is usual to erect the frame work of an installation of this kind to suit the local conditions which exist where work is to be carried on.

Yours very truly,

A. D. Parks,

Private Secretary.

M.

March 18, 89.

Mr. Wm. E. Parsons, Jr.,

110 Chambers St., New York City.

Dear Sir:-

I beg to inform you that your letter of 9th instant to Mr. Edison has been referred to Messrs. Bergmann & Co., No. 292 Ave. B., New York.

Yours truly,

A. O. Tate

Private Secretary.

M.

March 18, 89.

Messrs. Dyer & Seely,

New York City.

Dear Sirs:-

When may we expect to receive the copy of U. S. Patent covering the Lalande form of battery which we asked you to procure for us March 8th. Mr. Edison is in a hurry for this.

Yours truly,

A. O. Tate

Private Secretary.

M.

This letter was not sent to Mr. Beggs but retained in this office

March 20, 1889.

John I. Beggs, Esq.,

Gen'l. Manager & Vice-Pres't.,

Edison Electric Ill. Co., New York City.

D e a r S i r :-

The letter from President Spencer Trask, of the Edison Electric Illuminating Co. of New York, under date 15th inst. addressed to yourself, a copy of which was forwarded to me, regarding a contemplated new station in the first district, and soliciting explicit answers to a number of questions for presentation to the Company's Board of Directors, has brought to my mind a train of circumstances which, while never entirely forgotten, have been for a number of years partially obscured by affairs of greater importance, and reference to them on my part has been withheld by the hope, which I have always harbored, that some day those familiar with the subject and having power to act would revert to the period I touch upon and cause justice to be done me for the assistance I at that time voluntarily extended to a Company which after demonstrating the practicability of my system of underground incandescent electric lighting, was unable to earn an amount sufficient to cover its legitimate operating expenses. The probes of

the professional guardians - the same by the way who a short while before had heralded the discovery of a weak spot in that portion of my anatomy intellect which has to deal with commercial affairs - failed to discover the weak spot in the system known as the First District, and while I naturally felt timid to approach a subject which I had been informed upon such excellent authority, nature had failed to equip me to consider intelligently, my desire for the success of our initial electric lighting station finally overcame that timid feeling and I set out earnestly upon a voyage of discovery on my own account. It took me but a short time to arrive at the conclusion that the entire fault lay in the direct management of the station; that the position of Superintendent was occupied by an incompetent man, and that a change ensuring a proper administration of this office would not only render the station self-sustaining, but would bring to the stockholders a return for the money they had invested. I selected a man, had him placed in charge and personally agreed to pay him Ten Thousand Dollars as soon as he had succeeded in making the station earn a dividend of five per cent on $1,000,000.00. The result of this arrangement is expressed in the report of the Treasurer of the Company under date July 17th, 1885, an extract from which I quote:

> "I take pleasure in announcing that a quarterly dividend of one per cent, being the first dividend on the Capital stock of this Company, is payable on August 1st, 1885."

EXTRACT FROM MINUTES.

"The President then exhibited a detailed report of the earnings and expenses of the Company, showing that the net earnings for the six months ending June 30th, 1885, after paying all expenses of every description, were $325,000.00. The President further stated that the Company is now practically free from floating debt of any kind, the debt incurred in increasing the capacity of Grand Street station having been entirely paid from earnings, and that after such payment, and after the payment of all outstanding accounts for current supplies &c., there remained from the earnings a sum of $10,559.40 and on hand applicable to dividends."

The sum of $10,559.40 applied as above on dividends was just [illegible] than the amount ($10,000) which I had a few months [illegible] paid out of my own pocket to the sum of my selection [illegible] these results.

Upon several occasions I have in a jocular way referred to this matter in the presence of some of my good friends, who upon a [illegible] number of occasions have promised to secure an appropriation in my behalf. But whether they consider that a self imposed obligation, viewed in the strictly commercial light which alone [illegible] was visible to them, presents too absurd an appearance [illegible] serious consideration, or whether they have simply taken advantage of my own forbearance, I cannot say. I only know that nothing has ever been done towards recognizing the service which I rendered at a time when they sorely needed assistance.

Time and again since the occurrence of the above events, I have furnished those who then sat in judgment upon me and rendered their intelligent verdict, with fresh evidence of the utter lack of the "commercial" development of my character, most notably in connection with the new lamp. After experimenting for a year and a half, at my own expense, I presented them with a lamp which enabled them to obtain fifty per cent more light from a given amount of power - the net result of which so far as I am personally concerned being almost the ruination of my health from overwork, and to my factory an increased cost of manufacture and the consequent reduction of its earning capacity.

In mentioning these events I do not desire in any way to convey the impression that I am unwilling to render you at the present time any assistance which lies in my power, nor do I mean to indicate the development of a purely commercial side to my character. Neither do I wish to force appreciation upon those who cannot comprehend an unselfish action, but my time, to myself at least, is valuable, and I am engaged upon work, which in my own poor judgment is important, and in laying it aside to give further attention to the affairs of your Company, which I will gladly do to any extent circumstances may require, I consider the occasion a fitting one to place on record a few incidents which have been brought to the surface of my memory by your President's letter referred to in the commencement of this communication.

Yours very truly,

Thos. Edison

March 20, 89.

S. Flood Page, Esq.,

The Edison & Swan United Electric Light Co.,

London, England.

My Dear Sir:-

For the purpose of convenient reference I am having all Mr. Edison's contracts copied in consecutive order, according to their dates, and in groups with relation to the business to which they refer, in a Contract Book, and in searching for certain agreements between Mr. Edison and the old London Edison Electric Light Co., I have discovered that several of these are missing.

It has occurred to me that copies of these contracts are in your possession, and I would, therefore ask you if you would very kindly have duplicates made of any agreements between Mr. Edison and the old London Edison Electric Lighting Co., also between Mr. Edison and the Edison & Swan United Electric Lighting Co., together with copies of any other contracts which directly or indirectly impose an obligation upon Mr. Edison? I may say that I write you at Mr. Edison's suggestion, and he will be greatly indebted for any assistance which you can render us in the above connection.

I will, of course, remit upon advice the amount of any expenses which you are obliged to incur in complying with my request.

Yours very truly,

Private Secretary.

March 20, 89.

My Dear Mr. Dickson,-

I have received all of your recent letters and will reply more fully to them as soon as I get certain information which I have reached for in several directions. I expect advice in a day or two relative to the Canada Consolidated Gold Mining Co., and if it turns out that they have filed their reports for 1888-9, copies of these reports will be sent me, and I will forward them to you.

Yours very truly,

Geo. M. Dickson, Esq.,
Belleville, Ont., Canada.

March 20, 89.

Messrs. Dyer & Seely,

New York City.

D e a r S i r s :-

Mr. Edison has read your letter of 11th instant, and the writer explained his views orally to your Mr. Seely a few days ago regarding foreign Ore Milling patents, Set 89. I now beg to confirm my verbal statement of Mr. Edison's wishes, which are that, inasmuch as there is no gold in Norway. you can omit that portion of your application for that country which relates to gold. In regard to Germany, Mr. Edison desires you to make the first claim, also the claim covering oolithic iron ores, leaving out the gold process.

Yours very truly,

Private Secretary.

March 20, 1889.

Mr. H. G. Sprague, Sup't. Tel.,

Kansas City, Ft. Scott & Memphis R. R.,

K a n s a s C i t y, Mo.

Dear Sir:-

In reply to your letter of 12th instant, I beg to say that it was through an oversight the omission was made of two provisions in your contracts. I have had them rewritten and signed by Mr. Edison, in accordance with your wishes, and return them herewith for signature on behalf of your Company.

Yours truly,

Electrician/

March 20, 1885.

John Burke, Esq.,

Llewellyn Park, N. J.

Dear Sir:-

I am pleased to advise you that, after some little correspondence with the Edison United M'f'g. Co., who are the successors of the Edison Wiring Co. (the latter having installed your underground system of conductors), they have agreed to remove from your premises the whole of your present underground installation, and substitute Edison tubes entirely at their own expense. The following is an extract from a letter that I have just rec'd. from the Vice-President of the Edison United M'f'g. Co.:- in supposing

> "You are right, that I realize the necessity of satisfying a customer and, with that idea in view, have forwarded a communication to the Edison Machine Works, asking them to send a competent man to consult with Mr. Kennelly with the view of handing us an estimate for the underground conductors required to make Mr. Burke's installation satisfactory. On receipt of their bid you can rest assured the matter will receive prompt attention."

When these tubes are laid, you can rest assured that there will be no repetition of the annoyances that have been so frequent

during the past year.

Yours truly,

Private Sec'y.

March 20, 1889.

The Edison Lamp Company,

Harrison, N. J.

Dear Sirs:-

In reply to your letter of 18th instant, I beg to say that Mr. Mannington's expenses for his Jamaica trip, amounting to $350, is chargeable against yourselves and should be credited to his account. The manner in which you indicate it is your intention to adjust this account, leaving a debit against Mr. Mannington of $129.50, is correct.

Yours very truly,

A. Gott

Private Secretary.

AG

710

March 20, 89.

Wm. F. Brewster, Esq.,
c/o Seth Thomas Clock Co.,
20 Murray St., New York.

My Dear Sir:-

I beg to acknowledge receipt of yours of 14th inst. to Mr. Edison, enclosing new note. I enclose herewith the two old notes referred to in your letter under reply.

Yours truly,

A. O. Tate

Private Secretary.

M.

Telegram.

March 19, 1889.

George H. Parsons,
237 West 4th Street,
Cincinnati, Ohio.

You had better come on to Orange.

T. A. Edison.

March 21, 89.

The Edison Electric Works,

Schenectady, N. Y.

Dear Sirs:-

With reference to your letter of 15th instant, we wished the experiment tried only as a method of applying the insulating compound. Is the method of squirting compound on wire, then winding and soaking in melted compound a practicable one? It was not expected that a compound formerly proved to be destructive of the cotton would cease to be so simply because it was applied in a different manner. We suggested the method only as a way of making a compound that cannot be made sufficiently fluid for any other method of application.

Yours very truly,

LABORATORY OF THOMAS A. EDISON.

Per D. T. M.

March 21, 89.

Mr. Wm. E. Hibble,

Fort Myers, Fla.

Dear Sir:-

Referring further to your letter of 28th ultimo, I find that the price in New York of smoke stack such as you describe, is $2.00 per running foot. In determining a price at which Mr. Shultz can have the stack you can use your own discretion.

Yours very truly,

T. A. Edison

March 21, 89.

Jesse H. Lippincott, Esq.,

160 Broadway, New York.

Dear Sir:-

Colonel Gourand, Mr. Edison's agent for the phonograph in foreign countries, has written me, asking for certain information regarding your American Companies,-namely:

(1) P r o s p e c t u s

(2) Copies of agreements which are made with local Companies.

(3) Names of Companies.

(4) Territory covered by each.

(5) Capital Stock of each.

(6) Consideration paid for rights, showing amount in cash and amount in stock.

(7) Market value of shares.

(8) Agreements for lease of phonograph.

J. H. L. -2-

There are probably some questions here which you may not desire to answer, but I give them all just as Col. Gouraud has asked, thinking that you may be able to let me have part of the information for him. Of course what he wants to obtain is some standard from which to shape his own business.

Yours truly,

Private Secretary.

March 29, 89.

Baxter Reynolds, Esq.,

68 Colonie Street,

Albany, N. Y.

Dear Sir:

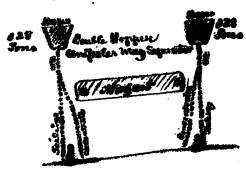
Your letter of 6th instant to the Edison United M'f'g. Company, in regard to Mr. Edison's Ore Milling process, has been [illegible] early. I enclose herewith a sketch and data pertaining to the ore milling machine, which indicates the horse power required for each machine in use. The cost of running the machine depends upon the cost of producing this power at the point where you decide to make operation. You will notice that a very slight change will cause degradation, as there are very few wearing parts to be considered. If your iron sands contain titaniferous ore, we could furnish a special divider to separate the [illegible] from the concentrates and tailings.

In reference to your question as to the percentage of oxide [illegible], we could answer this more satisfactorily if we had a sample of 10 or 20 pounds of your iron sands to run through the [illegible] machine is working at this Laboratory. We could then

send you samples of concentrates and tailings for assay.

Yours very truly,

Private Secretary.



One machine as above absorbs 2.5 HP

12 " " " 30. HP

Dimensions

Weight of ore per cub. foot 169 lbs

Cubic feet per ton 15.5

256 Tons run in 3 hours

March 25/59

T. Clapton Esq
Edison Lamp Co
Newark N.J.

Dear Sir: When can you make us a remittance on Edison Lamp Co Experimentals. After deducting all your Paris Exposition bills rendered to date, there is a debit against you of $3199.36 and February a/c yet to be included. You will credit the amt. to at least $5000. In getting a little short of funds as the Lumen a/c Bank has been unable to discount some checks taken which I expected would

"go" all right, but Mr. Douglas already has $20.000 of the same paper under discount (for you I presume - there is none in Mr Edison's ?) and of course he cannot do more. He has been very kind and I know would accommodate us if he could.

Yours truly

Thos A Edison

Chas Batchelor Esq

740

March 31, 80.

Chicago Edison Company,

Chicago, Ills.

Dear Sirs:-

I have received your letter of 15th instant, in regard to using chloroform in your junction boxes to prevent explosions. You should place in the bottom of each junction box a three ounce bottle of chloroform, leaving the mouth of the bottle open. This will form in the box a heavy gas which will prevent the ingress of gases from the outside. Chloroform is non-inflammable. We use it in the Laboratory here for extinguishing fires which some times occur on our chemical tables.

Yours very truly,

T. A. Edison

March 21, 89.

E. M. Douglas, Esq., President,

German National Bank,

Newark, N. J.

My Dear Sir:-

I received your letter last night, stating that you could not discount the two Machine Works notes which I left the same day with your Cashier, Mr. Fletcher.

Of course if you have as much of that paper now as the law allows you to carry, you cannot absorb any more of it.

You have caused me no inconvenience, and I am very much obliged for your kindness in informing me of the state of affairs so promptly.

Yours very truly,

March 31, 1889.

Dr. H e n r y W h i t e,

My Dear Sir:-

I find that it is impossible for me to make the work which you are performing pay for its expense, and am therefore obliged to say to you that I cannot continue your engagement after the first day of April next.

Yours very truly,

T. A. Edison

March 21, 89.

William M. Hidden, Esq.,

W e b s t e r, Jackson Co., N. C.

My Dear Sir:-

I find that I have to abandon the use of chrome batteries, as they are too unreliable. I, therefore, will be unable to continue your present engagement after the first day of April next.

Yours very truly,

Thos. Edison

March 23, 89.

Messrs. James W. Queen & Co.,

Philadelphia, Pa.

Dear Sirs:-

With reference to the Zeiss Micro Photo outfit which we purchased of you, the plate holders, table &c. of same must have been made of green wood, as they are warped and cracked and all out of shape. This is really a very serious defect, and there should certainly be some reduction made in the bill on account of it. We do not feel like paying as much for a defective outfit as we could obtain a perfect one for, and will be glad to hear from you on the subject at your earliest convenience.

Yours very truly,

LABORATORY OF THOMAS A. EDISON.

By

March 31, 1888.

To Whom It May Concern.

I have during the past few months become acquainted with Mr. Harold P. Brown, having met him in connection with certain experiments which he has been conducting on behalf of the authorities of the State of New York.

Mr. Brown is, in my opinion, a thoroughly competent Electrical Engineer, and all the reports prepared by him showing the results of his various experiments, which have been brought to my attention, I have found to be accurate and truthful.

Thomas A Edison

749

March 24, 89.

Harold P. Brown, Esq.,
201 West 54th Street,
New York City.

My Dear Sir:-

I have your letter of 17th instant, and take much pleasure in enclosing herewith a testimonial signed by myself, which I hope will answer your purpose.

Yours very truly,

Thos. A. Edison

March 31, 1916.

The Fidelity Trust Company,

Newark, N. J.

Dear Sirs:

I enclose herewith report from Mr. Thos. Dunn of New Jersey regarding the affairs of the Fidelity Trust Company. I notice that the Statute under which this report is made says that it should be filed within thirty days after the annual meeting of the several trustees of the Corporation. I have, therefore, not dated the papers, as I am not sure whether you date it back or not to conform to this provision. I think your Mr. Upton is familiar with the subject, and would suggest that the date be filled in by him.

Yours very truly,

AE Ed

March 22, 89.

Mr. Wm. F. Taylor,

Pennsylvania R. R. Co.,

Altoona, Pa.

Dear Sir:-

Your letter of 20th instant is at hand. On the same day I wrote you, in reply to your communication of 17th inst., stating that you need anticipate no delay in the equipment of your office at Allegheny City, and that we would be in readiness to proceed with the work upon receipt of notice from you.

I am shipping to-day, per Adams Express, a complete set of phonopleix instruments to Allegheny City, in accordance with shipping directions contained in your letter under reply. The outside jar, porous cup, zincs &c. for battery will go forward to-morrow. Do you desire us to supply you with chromic acid? Mr. Logue has already been communicated with, and he will get to Allegheny City in time to have the office in working order by 1st of April.

Yours very truly, A. D. Park, Electrician.

754

March 22, 89.

Edwin M. Fox, Esq.,

140 Nassau Street,

New York City.

Dear Sir:-

In reply to your inquiry of 19th instant, I beg to say that Mr. Edison still controls the phonographic patents as the same are applicable to clocks &c. He has, however, already made arrangements with some friends of his for the working of the same in the United States.

Yours very truly,

A. Tate

Private Secretary.
A.

March 22, 89.

W. J. Jenks, Esq.,

Edison Electric Light Co.,

16 & 18 Broad St., New York.

Dear Sir:-

We are much obliged for your latter of 16th instant. We shall be ready to cast the new pattern zincs whenever notified to do so. We are procuring a sample of the pure zinc sold by Messrs. Eden, Mixter & Heald, of Plymouth, Mass., to which you called our attention in your letter under reply, and after we have analyzed the same, we will report to you as to its merits.

Yours very truly,

LABORATORY OF THOMAS A. EDISON.

By A. D. Tate.

March 22nd 9

German National Bank
Newark N. J.

Dear Sirs

I beg to endose you herewith the following check which please place to my credit, and oblige

From C. Burke	$ 623.70
" Edison Lamp Co	3211.59
Total	3835.29

Yours truly
Thos. A. Edison
A

March 23, 89.

My Dear Mr. Dennett:-

The arrangement which I proposed carrying out when I first sent the Ore Milling process to England has been disturbed to such an extent as to render it impossible for me to go on with the work in which you have assisted so ably and generously, and I, therefore, hasten to advise you of the decision which has been forced upon me by unforseen circumstances.

While I know that your friendship for Mr. Wiley and your desire to further his interests have been the primary motives for your co-operation, I believe that your action has also been prompted by your kindly feeling towards myself - a feeling which I appreciate and reciprocate most heartily.

The plant which has been erected in the yard of Messrs. Martin & Mowbary I now have no use for, as the one which I have sent to Paris will answer every purpose I now have in view, and I am, therefore, going to ask you if you will be kind enough to have the Engineer whom you have placed in charge of the London installation, take the same down and box the parts and I will in a few days send you directions for their disposition.

Also, will you be good enough to draw upon me at sight for the full amount of the expense outstanding at present and incurred in complying with the request just made of you.

In conclusion let me thank you again for all the assistance you have rendered me during the past six months, and believe me

Yours very truly,

James Dredge, Esq.,

L o n d o n, England.

March 25. 89.

Col. George E. Gouraud,

Little Menlo, Upper Norwood,

Surrey, England.

D e a r S i r :-

I beg to acknowledge receipt of your cablegram of to-day, confirmed elsewhere, in regard to your address before the French Academy, which has been fixed for 15th of next month. As requested, I have instructed Mr. Manner by wire not to exhibit the phonograph to anyone until after you have delivered your lecture as arranged. Mr. Manner has a number of latest style phonographs, which are complete excepting the spectacles, and as indicated in my cablegram to you, I will express these spectacles in ample time for your lecture. I have to-day written Mr. Manner in regard to placing these machines at your disposal for the above purpose.

Yours very truly,

Thos. Edison

March 23, 89.

Philip S. Dyer, Esqr., Agent,

Rue Cogy 43,

Antwerp, Belgium.

Dear Sir:-

I beg to confirm the following cablogram sent you to-day:-

"Will take license for full term American patent, paying five cents litre capacity, guaranteeing minimum royalty two thousand dollars yearly, reserving right myself alone to cancel any time on three months notice. Edison."

Yours very truly,

Thos. A. Edison

777

March 23, 89.

Mr. Julius Springer, Publisher

Elektrotechnische Zeitschrift,

B e r l i n, Germany.

Dear Sir:-

I find that the following numbers of "Elektrotechnische Zeitschrift" are missing from my files, and I would be much obliged if you will mail them to me at your earliest convenience:-

1886	No. 8
1887	No's 1, 2, 3 & 5.
1888	No's 3 and 18.

Yours very truly,

Thos A Edison

778

March 23, 89

Lieutenant John Millis,

U. S. Army,

Tompkinsville, N. Y.

Dear Sir:-

Mr. Edison asks me to thank you for your letter of 9th instant, and for copy of Annual Report of the Light-House Board which you kindly sent him. We have sent both of these to our Mr. Hammer, who is at present in Paris looking after Mr. Edison's exhibit at the Exposition there.

Yours very truly,

Private Secretary.

March 23, 1889

Wm. H. Wiley, Esq.,

15 Astor Pl., New York.

Dear Sir:-

I have just received a note from your brother in regard to data concerning the Laboratory, which you yourself wrote me for a few days ago. Nearly all of this week I have been confined to the house by sickness, and have been unable to prepare any literature for you, and I find that there is not a photograph of any part of the Laboratory in our possession at present, and our photographer is so busy with other work, he cannot get time to print these photographs for a week or two. I am very sorry at being unable to render you the assistance you ask for, but under the circumstances it is not practicable.

Yours very truly,

March 24, 1889.

W. K. Hammer, Esq.,

P a r i s, France.

My Dear Sir:-

I confirm elsewhere my cablegram to you of to-day's date, instructing you not to exhibit the phonograph to anyone until after the 15th of April next, which is the date of Colonel Gouraud's lecture before the French Academy. I have advised Col. Gouraud that you have a number of latest style phonographs which are complete excepting the spectacles. I will send these spectacles in time to have them reach you before the 15th April, and I desire you to place the machines which you have at Col. Gouraud's disposal for the purpose of his lecture above referred to, after which he will return the machines to you as part of my Paris exhibit.

Yours very truly,

Thos. A. Edison

March 23, 89.

C. J. Field, Mech. Gen'l. Manager,
Edison Electric Illuminating Co.,
Brooklyn, N. Y.

Dear Mr. Field,-

I have your letter of 21st instant. Mr. Edison will be very glad to endorse your application for membership in the American Association of Mechanical Engineers.

Yours very truly,

A. O. Tate

Private Secretary.
M.

March 23, 89.

The American Watch Tool Company,
Waltham, Mass.

Dear Sirs:-

Your letter of 22d instant is at hand.

We are now perfectly satisfied with the Lathe. We think that the break in the grinder must have been caused by a flaw in the steel. We will not allow this accident to prejudice us against your tools, and whenever we need anything in your line, your Company shall always receive consideration.

Yours very truly,
LABORATORY OF THOMAS A. EDISON.
By A. O. Gates, M.

March 25/89

Orange N.J.

Dear Sir: Your note of even date to Mr. Edison has been received. He later is too busy to make an appointment with you, beside which there is absolutely nothing that you can do in connection with Mr. Edison's affairs. You must understand that your relations with Mr. Edison in a business way, have ceased and it is only a waste of time for you to pay any further attention to this or Billing matters.

March 25, 1889.

F. G. Dumas, Esq., Director,
Revue de L'exposition Universelle,
P a r i s, France.

Dear Sirs,

Mr. Edison has received your letter of 3d instant, and desires you to place his name on your list of subscribers to the "Revue de L'exposition Universelle," which is to be published during the period of the Paris Exposition.

In regard to contributing an article to your publication, Mr. Edison regrets very much that it is impracticable for him to comply with your request. He is so deeply engrossed with his experiments he has not time to perform any literary work.

Yours very truly,

[illegible]te Secretary.

March 25, 89.

W. T. Martoin, Esq.,

Philadelphia, Pa.

Dear Sir:-

Your letter of 20th inst., addressed to Messrs. Pierce & Thomas, New York, has been referred to us, and in reply I beg to say that Mr. Edison has done considerable work in connection with the extraction of gold by his Ore Milling process, but is not quite prepared at present to market the machine.

Yours truly,

Private Secretary.

March 28, 89.

Mr. S. A. W. Benjamin,

Century Club, 109 E. 15th St.,

New York.

Dear Sir:-

In reply to your letter of 24th instant, I beg to say that Mr. Edison owns a copper mine near Woodbridge, but found that it would not pay to operate it. I do not think the mine is being worked at the present time.

Yours truly,

Secretary.

March 25, 89.

F. S. Gorton, Esq.,
The Chicago Edison Co.,
Chicago, Ills.

Dear Sir:-

In reply to your letter of 21st instant to Mr. Edison, the original article of which the clipping enclosed with your communication is a copy, appeared in the NEW YORK WORLD, and bears the trade mark of the Westinghouse Company, although they succeeded in having the advertisement printed in the WORLD without being followed by the three stars which usually accompany an advertisement of that kind. The Westinghouse people have no special facilities for familiarizing themselves with Mr. Willard's business, and you need place no reliance upon the report in question.

Yours truly,

Private Secretary.

March 25, 1889.

Charles Selden, Esq.,

Baltimore and Ohio Railway Co.,

Baltimore, Md.

Dear Sir:-

I have shown Mr. Edison your letter to myself under date this instant, in which you say that you received a communication from Mr. Gilliland dated November 10th, 1888, stating that the rate of $20 per year per set would be the figure for the phonoplex. Mr. Edison says that you must be mistaken. He informs me that when he first brought the phonoplex out he thought that the price of the instruments would be about $20 per set, and that either you or Mr. Gilliland must have received the erroneous impression that this $20 referred to royalty. Mr. Edison says that he never contemplated a royalty on the instruments themselves, his decision in this respect from the very outset being to charge a royalty of $100 per circuit, regardless of the number of sets of instruments employed in connection with the same. His original memorandum to Mr. Bates, outlining a proposition for the B. & O.,

C. S. -2-

mentioned a royalty of One Hundred Dollars per year per circuit. If you have any memoranda substantiating your understanding of this matter, can you not send it to me or forward me copies of it? Of course we want to do whatever has been agreed upon, but your impressions and Mr. Edison's are not the same.

Yours very truly,

Secretarian.

802

March 25, 89.

My Dear Thomas,-

Replying to your letter of 15th instant to Mr. Edison, we are not working the Ore Milling process in England. Mr. Wiley has returned to America, and the machine has been taken down. We have sent a complete outfit, in charge of a competent man, to the Paris Exposition, which answers our purpose better than a machine in London.

Yours very truly,

Private Secretary.

Mr. Ed. J. Thomas,
c/o F. E. Smith, 98 So. 1st St.,
San Jose, Cal.

804

March 25, 89.

The Edison Machine Works,

Schenectady, N. Y.

Dear Sirs:-

Mr. Edison has instructed me to write and ask you for the loan of one of your braiding machines - the class of machine which you use for braiding the heavy cotton covering, a sample of which you sent to us the other day, over a No. 18 BWG wire. Also please send us about 200 lbs. of BWG No. 18 wire braided tight, together with a supply of cotton ~~for~~ Covering.

Yours very truly,

Private Secretary.

March 25, 89.

Mr. R. T. Copeland,

80 Cortlandt St., New York.

Dear Sir:-

I beg to confirm the following telegram sent you to-day

"Please hurry grate bars. Urgent. A. G. Tower"

Yours truly,

March 25, 89.

Horace Townsend, Esq.,

524 West 183d St., New York City.

My Dear Sir:-

Please return to me at your earliest convenience the photographs which I loaned you for your article in the "Cosmopolitan Magazine." There is a friend of ours who wants a number of Laboratory pictures, and those you have are the only ones available. Yours truly,

Private Secretary.

March 25, 89.

Western Union Tel. Co.,

O r a n g e, N. J.

Dear Sirs:-

I enclose herewith my check for $7.01, in payment of attached bill. Kindly acknowledge receipt, and oblige.

Yours truly,

March 25, 89.

Philip S. Dyer, Esq., Agent,
R u e O s y 4 3 , Antwerp, Belgium.

Dear Sir:-

I beg to confirm receipt of your cablegram of 23d inst. as follows:-

"Is Lelande affair finished. Dyer in Paris. DYER."

Yours truly,

March 25/89

W. N. Wiley Esq
#15 Astor Place
New York

Hyderabad

I have receives from Mr. Dredge samples of the first run which he has made with the Ore Milling Machine erected in London, and the results obtained are very poor.

I am aware that he has an excellent Engineer in charge of the plant, but it is quite impossible for any man who has not been specially trained to take hold of the Ore Milling process and operate it successfully.

There are a great many details requiring attention – such as

D. W. W.

as the relation between the magnet and hopper, strength of current &c &c, all of which vary with different ores — and these demand the presence of a person thoroughly familiar with all the results and proofs of my own work. Any other man, no matter what may be his qualifications as an engineer, is simply wording in the dark and encountering all the obstacles which I was obliged to overcome during the early stages of my experiments. It is quite impracticable for me to have another man to England at this time. I have sent an Ore Milling installation to Paris, in competent hands.

hands
which will answer every purpose
I now have in view, and I have
for these reasons written Mr. Dodge
asking him to take down the
Machinery in the yard of Edison
Vanten and Strobridge and box the
parts of the apparatus belonging
to me. I regret that circumstances
have obliged me to abandon the
arrangement I originally intended
carrying out.

Thanking you for the
interest you have displayed in
this matter I am

Yours very truly

Thomas A. Edison

March 23, 1889

James Brough, Esq.,

85 & 87 Bedford St., Strand,

L o n d o n, W. C., England.

My Dear Sir:-

I have received your letter of 16th instant and have examined the samples enclosed of the first running which you made with the Ore Milling machine. This separation, compared with the results which we obtain here, is a very poor one. There are a great many points about the Ore Milling process which require the attention of a man thoroughly familiar with its operation. The height of the magnet, the position of the hopper, and the strength of the current all have to be adjusted to the requirements of different kinds of ores; and while it is an easy matter for an expert to make these adjustments and to instruct others how to make them, it is a very laborious work for anyone who has not been educated in this particular branch. When the machine is once set for any class of ore, it remains constant. I sent Mr. Wiley to England for the purpose of having him attend to these points. If you were to

go ahead now and try and run the machine without the assistance of a trained man, you would simply be going over all the work and encountering all the obstacles which I met with and overcame during the early stages of my experiments here. It is thus impracticable for you to operate successfully the installation which you have, and as the recent unfortunate developments, with which you are familiar, have changed my plans, I wrote you a few days ago regarding the disposition that I desired you to make of the Ore Milling machinery.

Yours very truly,

Thos. A. Edison

March 25, 1889

Col. George E. Gouraud,
Little Menlo, Upper Norwood,
Surrey, England.

My Dear Sir:-

I have received your letter of 2nd instant, in regard to sending you copies of specifications and drawings which are filed in the United States Patent Office, instead of consolidating a number of claims as has been the custom of our attorneys Messrs. Dyer & Seely.

I have submitted this matter to Dyer & Seely, also to Mr. Edison. Of course the former do not object to do anything that will save you expense, provided they at the same time are carrying out an arrangement which has the joint approval of yourself and Mr. Edison. I mention this fact because you suggested in your letter that the former might have some personal feeling in the matter, which I assure you does not exist.

Mr. Edison says there are only two more cases to be sent you - one is being prepared now by Dyer & Seely, and the other will be ready in a few months - and these will complete the phonograph

patents, and asks me to say to you that as this work is so nearly finished he would much prefer making no change in our present methods.

The German powers which you sent for Mr. Edison's signature are returned herewith duly executed.

Yours very truly,

Private Secretary.

Aug 26/89

My dear Frank:

The attaches copies of letters to Dredge and Wiley explain themselves.

I am very sorry that we have lost the coöperation of Mr Dredge whose aid was really valuable - but my regret ends there.

Yours truly

A. A. Low

Saml Tyrrell Esq
No 19 Dey St
New York

March 20, 89.

My Dear Mr. Verity:-

In reply to your letter of 9th instant, I beg to say that the plans of the Philadelphia Station reached us only a few days ago. We find that a complete set of drawings connected with this Station means blue prints of about 300 tracings. I have to-day written to Sir John Fender the letter that you desired sent him, and have to-day sent him blue prints of 20 tracings, and whenever it is necessary for you to have a further supply of these, we will obtain them for you upon being advised of your wishes.

Yours very truly,

John B. Verity, Esq.,

31 King St., Covent Garden, London, W. C.,

England.

March 26, 1889

Dear Sir John:-

I send you, under separate cover, a few of the plans of our new Philadelphia Central Station. I am absolutely assured this is the proper way a station should be erected wherever underground conductors can be employed. I know that at present in England you have not the necessary parliamentary powers, but as soon as you have them I shall be pleased to do anything in my power to assist you to make electric lighting the same success in England as in this country, and would have one of my engineers lay out the underground cable system for one of your stations. As an underground station is going to be a permanent investment, put in plenty of copper, and no matter what the cost of the conductors is as long as they will pay 15% on the outlay, you may be certain it will pay.

Yours very truly,

Thos A Edison

Sir John Fender, K. C. M. G.,
Winchester House, Old Broad St.,
London, England.

March 27, 1880

My Dear Stewart,-

Your suggestions in regard to the phonograph, embodied in your letter of 20th February, come a little late. When you see one of Mr. Edison's perfected phonographs, you will find that most of the details capable of improvement have escaped him. As soon as you perfect your arrangements with Col. Gouraud I presume he will request us to send a phonograph to you. We can sell, with South America upon his order.

Yours truly,

Private Secretary.

Mr. W. N. Stewart,

Concepcion, Chile.

March 28, 1889.

Charles Selden, Esq., Gen'l. Sup't. Tel.,
Baltimore and Ohio Railroad Co.,
Baltimore, Md.

My Dear Sir:-

I have shown Mr. Edison the correspondence enclosed with your letter to me under date 20th inst., and he says that if you prefer making a contract on the basis of a royalty of $20.00, per set, per annum, for the use of the phonoplex system, he will agree to the arrangement, in view of Mr. Gilliland's proposition to you under date November 10th, 1885. It is, of course, understood that this arrangement is a special one and the contract confidential. You have in your possession copy of our regular contract, and I would suggest that you change it to conform to our later agreement, or if you prefer, I will have new contracts prepared in this office.

Yours truly,

Grisiana.

March 25, 1889

George F. Funk, Esq.

462 Garden Street,

Hoboken, N. J.

Dear Sir:-

Your letter of 18th instant has been received, and I enclose herewith check for $3.50, for 100 pounds of Fluorspar expressed to the laboratory. Mr. Edison asks me to say to you that for the next two weeks he will be busy night and day, but after that time he will be very happy to make an appointment to meet you.

Yours truly,

Private Secretary.

March 28, 89.

My Dear Andrews,-

Mr. Raymond has read your letter of 23d instant, and says that he cannot answer the questions which you propound, in regard to copper and zinc and copper and tin alloy.

Yours very truly,

Private Secretary.

W. S. Andrews, Esq.,
Rooms 5 & 6 Lumber Exchange,
Minneapolis, Minn.

March 28, 89.

Philip S. Dyer, Esq.,

48 Rue Cay, Antwerp, Belgium.

Dear Sir:-

Replying to your letter of 18th instant, Mr. Edison says that he knows nothing about a process for bleaching wood pulp by electricity.

Yours truly,

Private Secretary.

March 28, 89.

Major S. B. Eaton,

1180 Broadway, New York.

My Dear Sir:-

It has occurred to me that it would be well to have you look into the way in which the stock of the Edison Phonograph Works has been issued. There is a provision under the New Jersey laws in regard to stamping the certificates, but I do not know if this applies to the stock of the Edison Phonograph Works. The copy of the agreement between Mr. Edison and the Edison Phonograph Works, under date May 13th, 1888, which is in your hands, will explain the arrangement under which the stock has been issued. The certificates are signed by Mr. Edison, as President, and myself, as Treasurer, and if it is necessary for me to stamp them in order to protect any of the officers or directors, they are all available and I will take the necessary steps upon receiving advice from you, as requested above.

Yours very truly,

Edison

March 28, 89.

The Edison United E'l'g. Co.,

New York City.

Dear Sirs:-

I return herewith letter from Robt. Dooley & Co., enclosed with letter from your Mr. Meadowcroft to myself of 27th instant. The only book of instructions in regard to the care of plants that I know of, is the one issued recently by the Engineering Department of the Edison Electric Light Co., and I am of the opinion that that is the publication referred to by Messrs. Dooley & Co.

Yours very truly,

A. O. Tate

Private Secretary.

M.

March 28, 1882

James B. Gaw, Esq.,
  61 Hamilton Street,
    Orange, N. J.

Dear Sir:-

In reply to your letter of 27th instant, I beg to say that Mr. Edison has no objection whatever to Mr. Hamilton lecturing before the New England Society on the personal incidents connected with his recent journey. Mr. Hamilton's address is "South Orange, N. J."

Yours truly,

Private Secretary.

March 29, 1889.

Mr. T. H. Smith,

3 Durham Road, Sparkhill,

Birmingham, England.

Dear Sir:-

In reply to your letter of 27th of February to Mr. Edison, I beg to say that the latter cannot understand where Mr. A. L. Hatch obtained his information, in regard to the invention of the quadruplex. The statement which Mr. Hatch has made is entirely incorrect. Mr. Edison is not a Spiritualist, nor does he sympathise in any way with the views of this class of people.

Yours very truly,

Private Secretary.

March 21, 1904.

M [illegible]

I send you [illegible] the [illegible] CIC. [illegible] CHARLESTON, in which [illegible] you [illegible] [illegible] [illegible]

880

March 29, 1889.

Henry Willard,

Replying to your letter of 28th instant, fifty pounds of ore will be enough for my purpose. I want this ore exactly as it comes from the mine, in its natural state. Please advise your friends to be very particular on this point.

Yours very truly,

Thos. A. Edison

Henry Willard, Esq.,

New York City.

March 29, 89.

Francis R. Upton, Esq.,
The Edison Lamp Company,
Harrison, N. J.

D e a r S i r :-

With reference to your inquiry of 27th instant, re McGowan, I beg to say that I enabled the latter on the 21st of last month to return to New York, and presume that he is now on his way home.

Yours very truly,

Private Secretary.

March 30, 1880.

Francis R. Upton, Esq.,

The Edison Lamp Company,

Harrison, N. J.

Dear Sir:-

I have your letter of 29th instant, quoting an extract from a statement which you have received from Mr. Dyer, in regard to the Edison and Swan Company.

I am engaged now in an effort to ascertain the status of Mr. Edison's relations with this Company, but will be delayed some little time in learning and just how matters stand, for the reason that some of the contracts which are made with the old London Company and the later ones with the Edison-Swan Co., are in our possession. I wrote several days ago to Major S. Flood Page, asking him for copies of all contracts which in any way impose an obligation upon Mr. Edison, and I expect to get from him a complete set of these various agreements, after which we will obtain an opinion upon them and advise you of the result, when you can communicate the facts to Mr. Dyer.

Yours truly,

April 1, 1889.

Mr. Charles Batchelor,

Edison Phonograph Works,

Orange, N. J.

Dear Sir:-

I send you herewith for your information copy of Col. Gouraud's cablegram received to-day, with Mr. Edison's reply to same:-

"T. A. Edison, London, via New York, April 1st, 1889.
Orange, N. J.
Very important know the reliable date and number next shipment. If not immediate cable Hammer send six from Paris, returnable if necessary. Am liable heavy damages failure exhibition contract based on dates previously given, besides paying big rent lecture hall which cannot utilize. Fifty-two lectures booked April. Graphe very active, but losing ground daily. Reply fully promptly."

GOURAUD, NORWOOD. April 1st, 1889.
"Positively ship express ten completed machines April tenth steamer. EDISON."

Yours truly,

Private Secretary.

April 1, 1889.

Col. George E. Gouraud,
Little Heath, Upper Norwood,
Surrey, England.

Dear Sir:-

I beg to confirm the following cablegrams received from you and sent by us:-

T. A. EDISON. April 1, 1889.

"Very important know the reliable date and number next shipment. If not immediate cable Hammer send six from Paris, returnable if necessary. Am liable heavy damages failure exhibition contract based on dates previously given, besides paying big rent lecture hall which cannot utilize. Fifty-two lectures booked April. Grapho. very active, but losing ground daily. Reply fully promptly."

GOURAUD, NORWOOD. April 1st, 1889.

"Positively ship express ten complete machines April tenth steamer."

Yours very truly,

Thos. A. Edison

April 6th 1889

German National Bank
Broad Street
Newark N. J.

Dear Sirs

I beg to enclose you herewith the following checks which please place to my credit and oblige

From The American Bell Telephone Co.	$ 500.00
" Western Union Telegraph Co.	500.00
" " "	83.33
Total	$ 1583.33

Yours Truly
Thos. A. Edison
A.

April 4, 89.

Col. George E. Gouraud,

Little Menlo, Upper Norwood,

Surrey, England.

Dear Sir:-

I have confirmed elsewhere my cablegram to you of to-day's date, to the effect that I am sending on Saturday next, 6th instant, new spectacles, receivers and transmitters for two phonographs by Contanseau's Express, addressed to yourself, c/o French Observatoire, Meudon, France.

I have to-day cabled Mr. Hammer, instructing him to furnish you with two (2) phonographs, to which you can attach the new spectacles and other appliances above referred to, and I am mailing Hamilton, in care of yourself, at the same address Meudon, full instructions in regard to the operation of this new equipment. A copy of these instructions will at the same time be sent to Mr. Hammer, whom I have requested to render you personal assistance at your lecture before the French Institute. Mr. Hammer is familiar, I think, with the operation of this improved spectacle, and will, I am sure, do all he can for you.

Yours very truly,

Thomas A. Edison

Contanseau assures me that improved spectacles &c. will be rec'd. at Meudon in ample time for your lecture.

April 2, 1889.

Wm. J. Hammer, Esq.,

Edison Exhibit, Machinery Palace, Exposition,

P a r i s, France.

Dear Sir:-

I have confirmed elsewhere my cablegram to you of to-day's date, instructing you to give Col. Gouraud two phonographs for use in connection with his lecture before the French Institute on the 15th of April. I wrote you some time ago, telling you to let Col. Gouraud have any phonographs in your possession. He will only be able to use two of your machines, for the reason that we can only send new spectacles, receivers and transmitters for that number. These go forward on Saturday next, 6th instant, by Contanseau's Express, addressed to Col. Gouraud, c/o Observatoire, Meudon. Contanseau assures me that they will be received at Meudon in ample time. I wish you to give Col. Gouraud any assistance which you can in connection with the operation of these improved phonographs, as I believe you are familiar with the new spectacle, receiver and transmitter.

Yours very truly,

T. A. Edison

April 8, 1889.

Wm. H. Meadowcroft, Esq.,
The Edison United Mfg. Co.,
New York City.

Dear Sir:-

The model of the Locomotive was received by us at the Laboratory yesterday.

Please accept our best thanks for the trouble which you have taken in this matter, and believe me

Yours very truly,

A. Tate

Private Secretary.

April 7th 89

My dear Cutting: During the
past fortnight I have been
able to take my clothes
off but once or twice
working night and day
and have only just had
an opportunity to read
your letter regarding the
Sterling's boilers.
Of course I will be glad to
give you any assistance
I can but I do not consider
myself a competent judge
of boilers so far as their
construction is concerned.
Any opinions I have had

Ener
expressed in the connection
have been based entirely
on results of practical
operation. If you want a
first class opinion on
construction let me have
Mr. I. H. Vail, Genl Supt. of
the Edison Elec. Lt. Co. examine
Mr. Sterling's invention and
make you a report. He
is an expert in such matters
and I have confidence in
him. What do You say?

Yours very truly,

Thos. A. Edison

Alf. Cuttriss Esq
119 William St
New York

Paris 2/89

Jas. Snell Esq
19 Dey St
New York

Dear Sir: Replying to your letter
I do all I beg to say that Mr
Edison in his contract with
Lauriston B. Briggs and William H.
Jacques both of Boston, grants
to these persons "the sole and
" exclusive license and right
" to manufacture and sell
" within the United States for
" consumption and use therein,
" and to manufacture within
" the U.S. (or abroad) for use
" and consumption in foreign
" Countries, dollar and [illegible]
" figures containing the
" improvement described

in U.S. Letters patent # 200,521
(the fundamental phonograph
Patent) The Edison Jay Phonograph
Manufacturing Co #95 Milk St
Boston is the assignee of
Bruggeat Jacques under this
contract, and all communications
relating to Jay phonographs in
any part of the world should
be addressed to this Company

James H. Cook

April 2, 1880.

Messrs. Dyer & Seely,

40 Wall Street,

New York City.

Dear Sirs:-

I enclose herewith copy of a letter, under date 22d March, 1880, which we have received from the Cie. Continentale Edison, relative to annuities which they have paid on the Belgian patent, Set 3, dated 21st November, 1879. You will note that the Compagnie Continentale Edison request us to pay over to Mr. D. Wallerstein, of New York, for their account, $142, being the amount of the annuities referred to. Kindly advise us when you have complied with this request, so that we may notify the Cie. Continentale Edison.

Yours very truly,

Private Secretary.

April 2, 1889.

M r. F o s s e r e n d e n,-

When you desire to obtain any information in Mr. Baird's name, will you be kind enough to submit your requirements to this office, so that the correspondence may be conducted through us and be properly recorded in our office files. It causes a great deal of confusion to have the individual members of this Laboratory conducting an independent line of correspondence on their own account.

Yours truly,

Private Secretary.

April 2, 1880.

Mr. F e r g u s o n,-

All material which is obtained from our Store Room, for use in the various experiments conducted in this Laboratory, is charged against each of the experiments for which it has been used. In order to keep a proper account of our stock, it is absolutely necessary for us to have a memorandum of material taken from the Store Room, indicating what e.. present time is chargeable against. Otherwise it means nothing more or less than a direct loss to Mr. Edison. I understand that you obtain material from the Store Room at night and do not leave a proper record behind. I wish that in future you would be very careful to make an accurate account of anything which you take away for your experiments, so that we can charge it out as above.

Yours truly,

Private Secretary.

April 2, 1889.

Samuel Insull, Esq.,
19 Day St., New York.

Dear Sir:-

Have you heard anything from Harmer since he sailed? Do you know what arrangement was made with him as to reporting progress at the Exposition? He ought to report to someone officially, for the benefit of all interested, and if this matter has not been arranged, I think it would be desirable to have him send letters to this office. Kindly let me hear from you, as I want to write him.

Yours very truly,

Private Secretary.

April 3, 1889.

My Dear Glass,-

I have your letter of 30th instant.

Major McLaughlin was at the Laboratory yesterday, and spent several hours at the Phonograph Works. He is thoroughly posted as to the state of affairs there, and told me that he intended writing you fully on the subject. There will be very little further delay in supplying phonographs, as our factory is now in first class condition. The orders under which we are turning out phonographs are for a sufficiently large number to cover all your requisitions, so that you need have no anxiety on that point. I will let you know personally (not officially) when we commence making deliveries of machines to the North American people.

Yours very truly,

Private Secretary.

Louis G[illegible]ss, Esq., Gen'l. Manager,
Pr[illegible]fic Phono. Co., San Francisco, Cal.

April 3, 1889.

Francis R. Upton, Esq.,
The Edison Lamp Co.,
Harrison, N. J.

Dear Sir:-

I enclose herewith Bills of Laboratory against "A. E. Edis Special Experiments" for January and February, 89, amounting, respectively, to $665.33 and $950.74. Kindly examine these and return them to me at your earliest convenience.

Yours very truly,

Private Secretary.

April 15th 1889

German National Bank
Newark N. J.

Dear Sirs

I beg to enclose you herewith note from the Edison Phonograph Works for $875.00 - to be discounted and take place of note which you hold coming due today as arranged with your Mr Douglass by me.

Please send the other note due today through the usual way for collection and oblige

Yours truly
A. O. Tate
Private Secretary

April 5, 1889.

Messrs. Dyer & Brady,

New York City.

Dear Sirs:-

I beg to acknowledge receipt of the following United States patents granted to Mr. Edison:-

No. 400,641,	Improvement in Phonograph Recorders and Reproducers.	2 April, 1889
No. 400,647,	Improvement in Phonographs	2 April, 1889
No. 400,648	Improvement in Phonograph Blanks	2 April, 1889
No. 400,649	Improvement in Method of Making Phonograph Blanks	2 April, 1889
No. 400,650,	Improvement in the Method of Making Phonograph Blanks	2 April, 1889

Also U. S. Patent No. 400,630, for an Improvement in Phonographs, granted Mr. Oliver Batchelor, 2d April 1889.

Yours very truly,

Private Secretary.

April 6, 1880.

My Dear Mr. Mosen,-

Replying to your letter of 3d instant, Mr. Edison will not be at the Laboratory for a couple of weeks, and I cannot now make a definite appointment for your friends to meet him. If you will write him again at the expiration of a fortnight, I will endeavor to arrange the matter for you. I return herewith Mr. Trenholm's letter addressed to yourself.

Yours very truly,

[signature]

Secretary.

Dr. Otto A. Mosen,

Electric Club, New York.

April 6, 1889.

Mr. C. E. Spaire,
c/o G. Van Nostrand,
23 Murray St., New York.

Dear Sir:-

I beg to confirm the following telegram sent you to-day:-

"Please send at once Widdemann's Annalen volume twenty-five of 1888 and all following ones up to date."

Yours truly,

Thos. A. Edison

970

April 6, 1880.

Mr. George W. Carrer, Sec'y.,
The Sims-Edison Electric Torpedo Co.,
35 Broadway, New York.

Dear Sir:-

I beg to acknowledge the receipt of Certificate No. [illegible], for 25 shares of the Capital Stock of The Sims-Edison Electric Torpedo Company, enclosed with your letter of 3d instant.

Yours very truly,

T. A. Edison

Cin 6/89

Enclosed

My dear Lily, I have sent as
as quickly as you possibly
can copies of all patent
under which the Edison
Jay Phonograph Co. of
Boston operate. They can
I think form patents on
the combination of a phonograph
and a doll. I do not know
to whom these were issued
but you can find them
read them by means
of the assignments to the

Ten Phonograph people
which are recorded in
Washington.
Ten inventors that I
mean patents outside of
Edison's patents.
Yours truly

April 8th 1879

Edison Electric Light Co.
Newark N.J.

Dear Sirs

I beg to enclose you herewith check from Saml Insull for $ 4236.00 and one from J. H. Chapman for $ 4916.00.

Please place same to my credit and oblige

Yours truly
Thomas A. Edison
R

April 8, 1880.

Samuel Insull, Esq., Treasurer,

New Jersey & Pennsylvania Concentrating Works,

10 Dey St., New York City.

Dear Sir:-

I enclose herewith check to your order for Two Thousand Dollars ($2,000.00), being twenty per cent (20%) of my subscription to the Capital Stock of the New Jersey & Pennsylvania Concentrating Works. Kindly acknowledge receipt of same, and oblige

Yours very truly,

T. Edison

April 8, 1880.

My Dear Seely,-

I have your letter of 6th instant, in regard to securing a place in the Laboratory for the protegé of your friend Mr. Palmer. Mr. Edison has just let a lot of men go from here, and there is no opportunity at present, but I will bear the matter in mind and let you know when one occurs.

Yours very truly,

Private Secretary.

H. W. Seely, Esq..

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138

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at
Rutgers, The State University
endorsed by
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18 June 1981

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The original documents in this edition are from the archives at the Edison National Historic Site at West Orange, New Jersey.

ISBN 0-89093-702-8.

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A SELECTIVE MICROFILM EDITION

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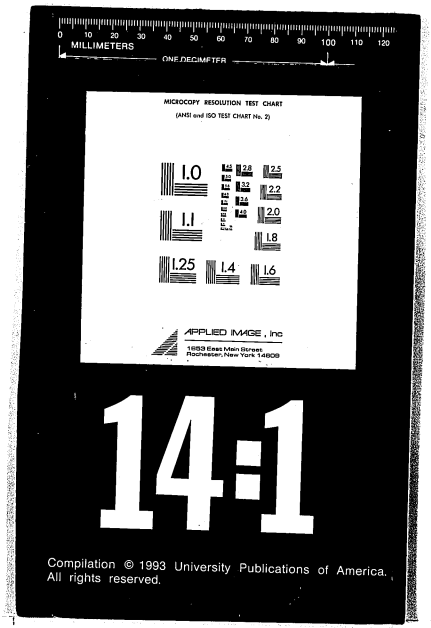

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